



Everything for the Garden

NINETEEN HUNDRED EIGHTEEN

Peter Henderson & Co.

35 & 37 CORTLANDT ST. NEW YORK

JANUARY

Whether plants are grown in sitting room or greenhouse, great care must be given to guard against frost. Water sparingly in dull weather. Fruit trees and shrubbery may be pruned, and if out-door plants have not been protected, do so by covering with four or five inches of leaves or rough manure.

Make up your order for seeds and get them now, don't wait until spring arrives and garden work is rushing on you.

FEBRUARY

Directions for January will apply to this month, except that flower or vegetable seeds should now be sown in greenhouse, hot-bed or sitting room or window garden, and also the propagation of plants by cuttings. For fuller instructions on these important points see our "GARDENING FOR PLEASURE," described in our "CATALOGUE OF EVERYTHING FOR THE GARDEN."

MARCH

Brighter sunshine and longer days will give plants rapid growth under glass; careful ventilation will be necessary. This is the main month for sowing both flower and vegetable seeds inside. Lawns may be top dressed that have been neglected in fall, and during the latter part of the month raked off and rolled. If the ground is dry, all hardy trees, shrubs, etc., may be planted out. Grape vines, shrubs and trees may yet be pruned. Sow lawn grass if ground is ready.

APRIL

Increase in temperature will necessitate more careful attention in all plants grown under glass. More water will be required, care in ventilation, and the shifting into larger pots where necessary, also transplanting of seedlings sown last month. This is the best month for planting out hardy plants, whether fruit, flower or vegetable. All the harder kinds of flower or vegetable seeds should be sown in open ground this month. This is the best month to sow lawn grass.

MAY

Plants in greenhouse or window-garden or hotbeds should now be given abundance of ventilation on warm days. During the latter part of the month plants of all kinds may be set out if they have been gradually hardened off. Hardy plants may yet be set out. Stirring the soil immediately after planting by hoe, rake or cultivator, is indispensable to best success. Mulch Strawberries, so as to protect the fruit. Sow lawn grass.

JUNE

Spring flowering shrubs, trees and vines should be pruned now. Many plants may yet be set out, and do well. Seedling plants of flowers or vegetables sown in open ground in April may now be planted out for early flowering or maturing, particularly among vegetables such as Celery, Cabbage and Cauliflower. Succession crops of vegetables, such as Beets, Beans, Peas, Corn, Cucumbers, Lettuce, etc., should be sown. Lawn grass may be sown up to the 20th.

JULY

In the first week of this month Beans, Peas, Corn, Cucumbers, etc., may yet be sown and mature. Strawberry plants from pot layers if planted will give a full crop next year. Cabbage, Celery and Cauliflower plants should be planted, and Turnip and Spinach sown for fall. Pinch back Chrysanthemums, Carnations, and all similar plants used for winter flowers, to make them bushy. Keep stirring the soil as advised in previous months.

AUGUST

It is yet time to plant Celery, Cabbage and Cauliflower in the first week. Strawberry plants from pot layers may be planted any time this month and yet give a full crop next season. Sow Spinach, Turnips and Lettuce. Onions sown in April will now be ripe and housed. Ruta Baga Turnips sown last month will need thinning. Still ply the hoe or cultivator. Sow lawn grass the latter part of this month.

CALENDAR OF GARDEN WORK IN LATITUDE OF NEW YORK

SEPTEMBER

All tender plants will need to be put under cover by end of this month. Cuttings of all kinds of bedding plants should be put in. Holland bulbs may be planted by end of month. Celery planted in July will now require "handling" and "banking up" (for details see "GARDENING FOR PLEASURE"). New plantations of Strawberries may yet be made. This is the best month to sow main crop of Spinach for winter. Lawn grass may now be sown with best results.

OCTOBER

All tender plants should now be secured, either by slips or by lifting the old plants. This is the best month to plant bulbs such as Tulips, Hyacinths, Narcissus, Crocus, etc. By the end of the month, if they have been cut down by frost, Dahlias, Tuberoses, Gladiolus, Cannas, etc., should be lifted, dried and stored for winter in the cellar. Continue to bank Celery. Lawn grass may be sown up to the 15th with good results.

NOVEMBER

All tender plants should now be indoors. Look out for cold snaps that may invade the greenhouse or winter garden. Cover up all bulb beds with short manure or leaves. All summer and fall flowering shrubs, vines and trees may now be pruned. Celery, Sprouts, Cabbage and all vegetable roots should now be stored in winter quarters. Spinach and Strawberries that are to be left out in winter should now be covered with two or three inches of leaves or hay.

DECEMBER

Winter is now at hand, and it is in this month that cold snaps usually come with dangerous severity. In the house, if the heating is insufficient, covering tender plants with paper will often save them. For other instructions see January.

Look over your garden notes winter evenings and prepare to make up your seed order when the catalogue arrives.

PETER HENDERSON & CO. 35-37 Cortlandt St. NEW YORK

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Parcel Post
Zone from
N. Y. City.

PETER HENDERSON & CO. give no warranty, express or implied, as to description, quality, productiveness, or any other matter, of any Seeds, Bulbs, or Plants they send out, and they will not be in any way responsible for the crop. If the purchaser does not accept the goods on these terms, they are at once to be returned.

35 and 37 CORTLANDT STREET, NEW YORK

State if wanted by Parcel Post, Express, Freight or Steamer.
(Regarding Parcel Post shipments see page 1.)

(Mr., Mrs. or Miss; write name very plainly; always write name the same way.)

P. O. Box, Street
or Rural Del'ry

County.....; State.....

(Only if different from P. O.)

(That we may enter his name for Catalogues.)

Money Enclosed.	Amount.	
Bills or Silver, <i>(Register the letter)</i>		
Draft or Check,		
Ex. Money Order,		
Post-Office Order,		
Postage Stamps,		
Total,		

If goods are wanted C. O. D. 25 per cent. of the amount must accompany the order.

RECORDED

and entered for following Catalogues:

R.....and.....

We Deliver Free in the U. S. { by Parcel Post, or to any } Vegetable and Flower Seeds { by the packet, ounce and
Express Office, at our option } quarter pound

Also Lawn Grass Seeds by the quart, $\frac{1}{2}$ peck and peck, most Bulbs at the Single Price and Books. We also deliver free in the U. S. all Lawn Grass Seeds in larger quantities, (we to choose transportation.) Purchasers pay transit charges on larger quantities of Seeds and other merchandise except otherwise provided.

When mailable goods (that we do not offer to deliver free) are wanted by Parcel Post, postage must be added at the Zone rate, see page 1.

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ADDITIONAL ORDER BLANKS WILL BE FORWARDED ON REQUEST

AN APPEAL FOR EARLY ORDERS

Never in the history of the country have business conditions been so disturbed and disorganized as now. Trained men have necessarily been withdrawn from every line to put the nation on a war basis. Seedsmen have been no exception to the rule. We have in a measure met this condition by transferring trained men, beyond the draft age, from our Greenhouses to the Seed Department; but there is still a shortage as compared with other years and the demand for seeds will be increased. The transportation facilities are taxed beyond their capacity, hence delays must be anticipated.

We now urge our customers to send in their orders immediately; don't wait until the spring rush begins. The seeds will keep with you as well as with us and you will not have annoying, possibly disastrous delays when you are ready to plant.

The planting of a vegetable garden is the patriotic duty of everyone who has ground, and it will be a vast help to us in doing our part to be able to fill orders in January and February, which usually reach us in March and April. While the all-important duty of every person is to increase the food supply in this period of scarcity, it is equally important that no pains be spared to get seed supplies, fertilizers and garden implements at the earliest possible moment. These are the essential commodities necessary to the country to-day if it is to maintain its effectiveness in performing the great task it has undertaken.



FREE DELIVERY For Certain Quantities of Seeds

WE DELIVER FREE in the United States and Possessions, by Parcel Post or Express to any express office at our option ALL VEGETABLE and FLOWER SEEDS by the Packet, Ounce and 1/4 Pound; LAWN GRASS SEEDS by the Quart, 1/2 Peck and Peck.

We also deliver free by Parcel Post, Express, or Freight (our choice) all Lawn Grass Seeds in larger quantities.

Purchasers pay transit charges on larger quantities of seeds, and other merchandise, unless otherwise provided. When goods are wanted by Parcel Post add postage for the quantities we do not deliver free (see Zone Rates on this page).

The Postal Weight of Beans, Peas and Corn is One Pound per Pint.

WE DO NOT SUPPLY DEALERS, therefore our Seeds, etc., can only be procured by sending orders direct to us.

THE PRICES QUOTED IN THIS CATALOGUE ARE NET—We offer no premiums, discounts nor gratuities. We reserve the right to advance prices without notice should current conditions require it.

PLEASE ORDER EARLY, thus enabling us to forward promptly. It will hasten forwarding materially, if they will kindly make up orders alphabetically, as the goods are offered in the catalogue. This method is easier and is a safeguard against neglecting to order some item of importance. Seeds are put in compartments in our stores alphabetically, hence an order can be filled more quickly if it is made out in that manner.

ERROR IN THE FILLING OF ORDERS—We use the greatest care in filling, checking and packing orders. Yet should anything be omitted we will promptly forward when advised. Keep a duplicate copy of your order for comparison.

REMITTANCES may be made by Express Money Order, P. O. Money Order or Bank Draft; if stamps or cash send in a Registered Letter. We must decline sending goods C. O. D. unless 25 per cent. of their value accompanies the order.

ACCOUNTS—Parties having no account with us—who order goods without remittance—must furnish satisfactory reference. New York City reference preferred on account of the shorter delay pending investigation.

WE MAKE NO CHARGE FOR SHIPPING AND CARTING of goods to any railroad station, steamship line or express office in New York City proper.

WE MAKE NO CHARGE FOR PACKING, except special for foreign shipments, as tin-lined cases, double sacks, etc., then we charge cost. Cloth bags we charge for, viz.: 1 peck, 15c.; 1/2 bushel, 20c.; 1 bushel, 25c.; 2 bushels, 45c. All Grass Seed bags are furnished free excepting for Timothy and Clover.

GARDENERS' AND FARMERS' SITUATIONS—We have at all times the names of practical gardeners and farm managers in want of situations on our books. If parties desiring such will write us, we shall be glad to put them in communication with men whom we deem suitable. To aid us in making a selection we ask full particulars. We make no charge for this service.

TESTIMONIALS FROM CUSTOMERS—We are always pleased to hear from our customers regarding the results of their gardens. We appreciate the thousands of unsolicited testimonials we receive annually and are glad to publish as many as space will permit. Photographs of gardens and particularly of individual vegetables and flowers, are always very gladly received by us.

QUESTIONS AND CORRESPONDENCE—We endeavor to answer promptly all letters of inquiry—which should be on separate paper from orders—but we cannot undertake the planning of entire gardens and grounds.

PETER HENDERSON & CO. give no warranty, express or implied, as to description, quality, productiveness, or any other matter of any Seeds, Bulbs, Roots or Plants they send out, and they will not be in any way responsible for the crop. If the purchaser does not accept the goods on these terms, they are at once to be returned.

PETER HENDERSON & CO.

35 & 37 Cortlandt Street, New York

PARCEL POST AND EXPRESS

On shipments weighing 20 pounds or more it is ship by express. As the express companies give a each package, and are responsible, it amounts to insurance without cost, whereas it costs extra, to value, to insure a parcel post package. We the safe arrival in the U. S. of all goods shipped by express.

cheaper to receipt for practically according guarantee

IF GOODS ARE WANTED BY PARCEL POST, POSTAGE MUST BE ADDED AS PER TABLE BELOW, EXCEPT FOR THOSE QUANTITIES OF SEEDS WE OFFER TO DELIVER FREE.

The Postal Weight of Beans, Peas and Corn is One Pound per Pint.

For other merchandise available by Parcel Post offered in this catalogue—Tools and Accessories, Odorless Fertilizers, Insecticides and Fungicides (Fluids and Poisons excluded)—we have given the packed weight so that extra for postage may be remitted according to Zone distances as below.

IMPORTANT—In remitting postage always add it to the foot of the order as a separate item—this will help to avoid mistakes.

		PARCEL POST ZONES							
Weight in Pounds	Local	1st	2nd	3rd	4th	5th	6th	7th	8th
		Up to 50 miles from New York	50 to 150 miles from New York	150 to 300 miles from New York	300 to 600 miles from New York	600 to 1000 miles from New York	1000 to 1400 miles from New York	1400 to 1800 miles from New York	Over 1800 miles from New York
1	\$0.05	\$0.05	\$0.05	\$0.06	\$0.07	\$0.11	\$0.09	\$0.11	\$0.12
2	.06	.06	.06	.08	.11	.14	.17	.21	.24
3	.06	.07	.07	.10	.15	.20	.25	.31	.36
4	.07	.08	.08	.12	.19	.26	.33	.41	.48
5	.07	.09	.09	.14	.23	.32	.41	.51	.60
6	.08	.10	.10	.16	.27	.38	.49	.61	.72
7	.08	.11	.11	.18	.31	.44	.57	.71	.84
8	.09	.12	.12	.20	.35	.50	.65	.81	.96
9	.09	.13	.13	.22	.39	.56	.73	.91	1.08
10	.10	.14	.14	.24	.43	.62	.81	1.01	1.20
11	.10	.15	.15	.26	.47	.68	.89	1.11	1.32
12	.11	.16	.16	.28	.51	.74	.97	1.21	1.44
13	.11	.17	.17	.30	.55	.80	1.06	1.31	1.56
14	.12	.18	.18	.32	.59	.86	1.13	1.41	1.68
15	.12	.19	.19	.34	.63	.92	1.21	1.51	1.80
16	.13	.20	.20	.36	.67	.98	1.29	1.61	1.92
17	.13	.21	.21	.38	.71	1.04	1.37	1.71	2.04
18	.14	.22	.22	.40	.75	1.10	1.45	1.81	2.16
19	.14	.23	.23	.42	.79	1.16	1.53	1.91	2.28
20	.15	.24	.24	.44	.83	1.22	1.61	2.01	2.40
21	.15	.25	.25						
22	.16	.26	.26						
23	.16	.27	.27						
24	.17	.28	.28						
25	.17	.29	.29						
26	.18	.30	.30						
27	.18	.31	.31						
28	.19	.32	.32						
29	.19	.33	.33						
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36	.23	.40	.40						
37	.23	.41	.41						
38	.24	.42	.42						
39	.24	.43	.43						
40	.25	.44	.44						
41	.25	.45	.45						
42	.26	.46	.46						
43	.26	.47	.47						
44	.27	.48	.48						
45	.27	.49	.49						
46	.28	.50	.50						
47	.28	.51	.51						
48	.29	.52	.52						
49	.29	.53	.53						
50	.30	.54	.54						

WEIGHT LIMIT—The weight limit within the Local 1st and 2nd Zones is fifty (50) pounds, within the other Zones the weight limit is twenty (20) pounds and the size limit eighty-four (84) inches for combined length and largest girth. In this catalogue we give the weight packed up to ten (10) pounds on Implements, Insecticides and Fertilizers.

INTERNATIONAL PARCEL POST We forward Seeds to any postoffice in foreign countries by International Parcel Post when mail routes are open. Full details in our "INTERNATIONAL PARCEL POST CIRCULAR" mailed on application.

Domestic Parcel Post rates, 8th Zone, apply to Alaska, the Canal Zone, Guam, Hawaii, Porto Rico and the Philippine Islands.

We prefer not to forward bulbs, tubers or roots to foreign countries when the time in transit exceeds ten days, because of the probability of damage in transit; should they be forwarded they are at purchaser's risk.



IMPORTANT ANNOUNCEMENT

Our country being now at war, the incentive to plant food crops is not one of self-interest alone, but it has become the patriotic duty of everybody having ground suitable for the purpose, to turn it to account at the earliest opportunity.

This view of the matter has been well put by our President in the following words: *"Patriotism consists in doing some very practical things—practical in that they belong to the life of every day—that they wear no extraordinary distinction about them, and that they are connected with commonplace duty."*

Home gardeners throughout America can contribute to victory by raising, as far as may be, supplies of vegetable foods for the use of their families. As this food will be raised right on the spot, it will lessen the strain on the means of transportation, already taxed to the limit. The call to arms last spring transformed millions of Americans into gardeners, with the happy result that it is estimated fully \$350,000,000 additional were added to our national wealth.

During the coming spring the planting movement will be vastly accelerated and better organized than ever.

OUR PART in this great undertaking is to provide and distribute the **PRIMAL NECESSITIES**, viz.: Seeds, Fertilizers, Tools and Implements for the garden and farm—in a word, to furnish the means by which a not inconsiderable portion of the home gardeners will be able to raise their quota of foodstuffs.

YOUR PART in facilitating an early distribution of garden necessities, is to mail your orders in **January or February** instead of March or April. Do not wait until the spring rush is on, because the seeds will keep with you as well as with us, and you will thereby be spared possible disastrous delay when you are ready to plant.

It is regrettable that the season was a disastrous one for many seed crops, Beans, Corn, Onions and Peas particularly. Conditions in Europe are such that little seed is exported from there. The expenses of seed growing are greater by far than formerly and with very short crops prices have consequently advanced considerably.

We have made all humanly possible exertions to provide stocks to meet the anticipated enormous demands, and our customers can rest assured that this has not been done by sacrificing quality. All the stocks we offer will, under normal conditions, sustain the national reputation justly achieved by **HENDERSON'S TESTED SEEDS**.

THREE GENERATIONS OF HENDERSONS

For several years rumors have been circulated, probably by persons actuated by malice and devoid of fair business principles, that our business had been sold out to a syndicate, that there were no longer any Hendersons connected with it. It was to offset these repeated rumors that we inserted the following notice in our annual catalogue for 1914:

"The business founded by **PETER HENDERSON** is still carried on by his son, Charles Henderson and two grandsons of Peter Henderson, viz.: Peter Henderson, son of Alfred Henderson (deceased), and Howard M. Henderson, son of Charles Henderson, thus insuring its continuance along the lines laid down by its founder.

In this country, where quick transitions in business are common, the worth of a house carried successfully into the third generation should inspire confidence. In no other business is this factor more essential. The purchaser of seeds should consider the reputation of the house seeking his patronage before buying."

We now give the names of the officers of **PETER HENDERSON & Co.** so as to set at rest these baseless and malicious rumors:

CHARLES HENDERSON, President;
PETER HENDERSON, Vice-President,
ALLAN MACKRELL, Secretary,
PATRICK O'MARA, Treasurer,
HOWARD M. HENDERSON, 2d Vice-President
and General Manager.

Very sincerely yours,

Charles Henderson
President

January 1, 1918

PETER HENDERSON & CO., NEW YORK

HENDERSON'S NEW GARDEN GUIDE AND RECORD FOR 1918

REVISED, AND BROUGHT UP-TO-DATE

Price 25c. or FREE WITH EVERY ORDER amounting to \$2.00 or over, if asked for when ordering

FROM a very modest beginning, seven years ago, this little book has become the indispensable handbook and pocket encyclopedia of thousands of gardeners throughout the United States, and we think that HENDERSON'S GARDEN GUIDE contains more essential information, is more simple in style and form, easier of reference, and more complete than many works much more pretentious in character. In a measure, our customers have contributed to its contents, for a great deal of the information given has been suggested by the numerous questions put to us daily over our counters, so that the GARDEN GUIDE is essentially an attempt to anticipate and solve the problems which confront both the novice and the experienced gardener. Originally designed for the amateur and containing only the most elementary information, it has gradually grown to be more inclusive, so that it now embraces almost every phase of ordinary garden craft. This growth has by no means robbed it of its simplicity, but has rather extended its usefulness to a greater number of gardeners.

It is of convenient pocket size (5x8½ inches), has a waterproof cover, and 64 pages of text, including a complete index. Also 12 pages, one for every month, for noting phenomena, dates and other items of interest. These not only greatly enhance its value, but suggest and encourage an observant attitude in the garden.

The "Garden Beautiful" and "Garden Bountiful" may be easily realized by studying the following articles:

Flowers from Seed:

Selections for Different Purposes.
Brief Instructions How to Grow Annuals, Biennials, Perennials.
Special on Asters, Pansies and Sweet Peas, including Garden Culture.
Growing Exhibition and Winter Flowering Sweet Peas.
Flower Gardens made entirely of Annuals from Seed.

Dahlia Culture.

Plans for Flower Beds

With Number of Plants required.

Bulb Culture:

In Gardens, Pots and Naturalized.

Gladiolus and Peony Culture:

Pruning Shrubs:

Which Flower on New and Which on Old Wood.

Lawns and Grass Plots.

Making, Maintaining and Renovating.
How to Eradicate Worms and Moles in the Soil and Weeds in Walks.

Preparing Garden Ground:

Fertilizing, Draining, Cultivating.

Vegetable Culture:

Brief Directions and How to Grow the Big Prizetakers.
Companion and Successive Crops.
The Fall Vegetable Garden and What to Plant.
When to Gather Vegetables at their Best for the Home Table.

We could fill pages with letters praising Henderson's Garden Guide and Record. A letter recently received says:

"Your 'Garden Guide,' which I prized as highly as a piece of old lace, has been taken from my desk in some way, and although I have inquired and sent tracers from basement to attic it hasn't turned up as yet. I can't keep house without it, that's all there is to it, and so enclose 25 cents for which kindly send me another copy of your little book."

"I must compliment you on the immense amount of use a beginner like myself can make of your 'Garden Guide and Record.'"

Mrs. E. F. WADE, Knappa, Ore.

"Will you please send me a copy of your 'Garden Guide and Record,' as it is invaluable. I have two of earlier years and they contain a wonderful amount of knowledge on a great many subjects."

Mrs. MAY P. JONES, Kingston, N. Y.

"Your 'Garden Guide and Record' is a handy book, and I would not be without it."

L. B. RICH, Memphis, Tenn.

"Kindly send a copy of 'Garden Guide and Record.' We followed your directions for canning and did not lose a can of our corn, lima or green beans, peas or tomatoes."

Mrs. FRANK A. THOMAS, Indianapolis, Ind.



HENDERSON'S GARDEN GUIDE AND RECORD

PETER HENDERSON & CO.

35 AND 37 CORZLANDT STREET NEW YORK

Copyright, 1917, by Peter Henderson & Co., N. Y.

"A neighbor recently lent me the most wonderful garden book I ever saw. It is 'Henderson's Garden Guide and Record.'"

Mrs. MARY D. CHAMBERS, Barrington, Nova Scotia.

"Your 'Garden Guide' was received. In an hour of reading I gathered information on ten different subjects that I had never seen as clearly dealt with before."

A. B. PAPINEAU, Montreal, Canada.

"Please send me another copy of your 'Garden Guide and Record.' It is the most lucid and comprehensive work on the subject I ever saw."

W. H. MAGOFFIN, Philadelphia, Pa.

"Kindly send me the 'Garden Guide and Record.' I used it last year, and found it most useful. It helped me more than a hired man."

Mrs. A. REAND, Norfolk, Conn.

"I am well pleased with the 'Garden Guide and Record,' and I fail to see how anyone can go wrong with such a valuable book for reference."

W. E. ESCHENBACH, Allentown, Pa.

Vegetable Planting Time Table:
Distance, Depth to Sow, Days from Sowing until Ready to Use, etc.

Culinary Herbs:

Culture, Harvesting and Preparation.
Plans for Vegetable Garden, Bulb, and Flower Beds.

Vegetables for Winter Use.

What to Grow and How to Store.

Winter Salads:

Witloof, Chicory, etc. How to Force.

Cold Frame Vegetables:

What and How to Grow for Winter Use.

Insects and Plant Diseases:

Latest Methods of Treatment.
How to Prevent Potato Scab, etc.

Hot Beds and Cold Frames:

How to Make and Maintain.

Fertilizing:

The essentials consumed by vegetables and fruits as a guide to what fertilizer the land requires. Liming and how to tell if needed.

Do Melons and Cucumbers Mix?

Canning Vegetables, etc.:

Saving the Garden Surplus by New Methods with Home Canners.

And many other Pithy Garden Pointers.

"It seems almost impossible to do without your 'Garden Guide.'"

R. S. TAYLOR, Lafayette, Ind.

"I want you to know that your 'Garden Guide' enabled me to have a very satisfactory garden, although I never had a hoe in my hand before."

Mrs. BERTHA LARSH, Hamilton, Ohio.

"I would not be without one of your 'Garden Guides' if it cost \$5.00. I believe it to be the most comprehensive book ever written on gardening."

WM. H. WALL, Bronx, N. Y.

"Your 'Garden Guide and Record' contains a large amount of information in a small compass, and is a very handy book."

CHAS. H. WELLS, Fall River, Mass.

"I wish I could convince every man and woman that it is almost impossible to have a garden that will be a success without the Henderson 'Garden Guide.'"

Mrs. HELEN LONGACRE, La Junta, Colo.

"I have perused very carefully the entire book 'Garden Guide and Record' and I think it is the most complete pocket edition I have ever seen; you are to be congratulated on pulling out such a valuable book."

Mrs. L. C. ZIMMERMANN, Baltimore, Md.

Price 25c. or FREE WITH EVERY ORDER amounting to \$2.00 or over, if asked for when ordering



For More Than Half a Century

Has Been Used in Laying Down

THE MOST BEAUTIFUL LAWNS IN AMERICA

This celebrated lawn grass seed mixture has been thoroughly tested by country-wide use for more than half a century. IT IS THE FRUIT OF YEARS OF EXPERIENCE AND CLOSE STUDY OF AMERICAN CONDITIONS AND IS UNDOUBTEDLY THE BEST FOR THE AMERICAN CLIMATE. By its use a deep green, velvety sward, free from clumps, can be produced in from four to six weeks' time.

The "HENDERSON" LAWN GRASS SEED is an intelligently arranged combination of fine-leaved, dwarf Grasses, which are at their best during different months of the year, thus keeping a lawn constantly covered with enduring green. It is impossible to make an enduring lawn by sowing seed of a single variety, which will only grow vigorously for a portion of the year. Kentucky Blue Grass for instance, which is sometimes recommended for lawns, grows but sparsely during midsummer, is slow to form a close sward, requiring two years to do that, and loses color in hot weather. Besides its country-wide use on the home grounds of the people, the "HENDERSON" LAWN GRASS SEED has invariably been chosen to produce lawns at many of the most famous institutions in the country. It has been used for a number of years with excellent results, on the Parade Grounds at the United States

Military Academy at West Point, N. Y. See Colored Plate opposite. The refreshing green and the close turf which attract the attention of the hundreds of thousands who annually visit the baseball grounds in this country, particularly the Polo Grounds in New York and Ebbets Field in Brooklyn, were produced with the "HENDERSON" LAWN GRASS SEED. At the various International Expositions held in the United States—notably the Centennial at Philadelphia, the Columbian at Chicago, the Pan-American at Buffalo, the Louisiana Purchase at St. Louis, the Lewis & Clark at Portland, and the Jamestown at Norfolk—gold medals were awarded to lawns made with the "HENDERSON" LAWN GRASS SEED.

The "HENDERSON" LAWN GRASS SEED is in reality as cheap as any other, notwithstanding its superior quality. For while many mixtures on the market are sold at 14 lbs. to the bushel the "HENDERSON" LAWN GRASS SEED is sold at 20 lbs. per bushel, being practically free from chaff and other foreign matter. The quantity required for new lawns is 5 bushels per acre. For a plot 15 x 20, or 300 square feet, use 1 quart. For renovating old lawns, use one-half of above quantities. Full instructions in every bag and package.

WE COULD FILL MANY PAGES WITH TESTIMONIALS FROM HOME OWNERS IN ALL PARTS OF THE U. S.

"We have today at Standish Park a charming lawn that would vie in beauty with a well-kept English lawn. The lawn is now about fifty days old, and the seed used was the Henderson Lawn Grass Seed. There is no better seed for a lawn to be found."

JOHN VAN NESS STANDISH, LL.D.,
Pres. Park Commission, Galesburg, Ill.

June 7, 1917.
"We had a beautiful lawn as the result of the seed we bought from you last fall, and we have recommended Henderson's Lawn Grass Seed to several that have ordered from you."

Dr. H. K. FULKERSON, Somerset, Ky.

March 21, 1917.
"Several years ago I used a peck of your lawn grass and secured a perfect lawn in one year."

Mrs. MILTON CLAPP, Easley, S. C.

Jan. 29, 1917.
"The grass seed I bought from you last spring made the house look very popular. All the neighbors said we had the best lawn in town."

PETER VAN DER VIET, Garfield, N. J.

"Everybody talks about our lawn and don't see how we got such a good stand just planting in June. I told them we got the seed from Peter Henderson & Co. It is now September and it has been cut five times and is ready to cut again. It is beautiful."

Sept. 26, 1917.

Mrs. A. A. SPAUR, Sidney, Mont.

"I have been getting your best lawn grass mixture from you every year and it has proven most satisfactory. I have had words of compliments on my lawn, which I think is the prettiest in Athens. Everybody wants to know how it is done. I simply tell them it is Henderson's seed."

Sept. 4, 1917.

F. A. LIPSCOMB, Athens, Ga.

"You may be pleased to know that I sowed some of your lawn grass seed on the first of June and it is now more than an inch high, just ten days after planting. To say that I am delighted is putting it mildly."

June 10, 1917.

Mrs. E. A. WENHOLD, Bethlehem, Pa.

PRICE OF THE "HENDERSON" LAWN GRASS SEED (Delivered Free)

30c. per quart. 55c. for 2 quarts. \$1.00 for 4 quarts. \$1.75 per peck of 5 lbs. \$6.00 per bushel of 20 lbs.

We deliver quarts and pecks free in the U. S. by parcel post or express at our option.
We also deliver free in the U. S. by parcel post, express or freight (our choice) all Lawn Grass Seeds in larger quantities.

For Special Mixtures of LAWN GRASS SEEDS for various purposes see pages 78 and 79



COLOR GUARD AT
WEST POINT MILITARY ACADEMY
The grounds were seeded down with the
HENDERSON
LAWN GRASS SEED

See opposite page



HENDERSON'S
GOLDEN
PONDEROSA

HENDERSONS RED PONDEROSA

SEE OPPOSITE PAGE

THE TWO GRANDEST TOMATOES ON EARTH Henderson's Ponderosa Tomato

For 28 Years the Best and Most Popular in the American Garden. Produces Fruits More Magnificent in Size Than Ever. More Delicious in Flavor. More Perfectly Shaped and in Greater Profusion. Still Gaining in Favor by Leaps and Bounds. It is Grown from the Atlantic to the Pacific and from Hudson Bay to Magellan Strait.

Beyond all question Henderson's Ponderosa Tomato has made for itself an enviable place in the vegetable kingdom.

It is now more safely entrenched in the esteem of the gardener than ever, for the most persistent efforts of an army of skilled hybridizers have failed to produce anything so incomparably perfect as Henderson's Ponderosa Tomato.

From its first appearance it gripped and held the admiration of all who grew it and each recurring season sees thousands more added to the number of its appreciative admirers, who have sent us testimonials in such numbers, that if we printed them they would monopolize a quarter of the pages in the catalogue.

Unquestionably the one great requisite in a vegetable for private use is quality—first and always QUALITY.

In a Tomato the prime essentials are: Good flavor, a minimum of acidity, a fairly tender skin, solid, meaty flesh, few seeds, and very little juicy pulp. These ideals are perfectly exemplified in Henderson's Ponderosa Tomato.

There are two kinds of solid Tomatoes. One derives its solidity from a thick-fleshed outer wall and a tough skin, and this is eagerly sought by the shipper. The solidity of Ponderosa is fundamentally different. A serious defect in many sorts is the hard, core-like character of the cell walls, which frequently remain green and hard long after the other parts of the fruit are ripe, and this very defect has been utilized in the breeding of Ponderosa. We have succeeded so thoroughly in modifying, developing and enlarging these cell walls in Henderson's Ponderosa that they have almost filled the seed cavities, which in less carefully bred strains contain only seed and watery pulp; the result achieved is a solid mass of meaty, succulent flesh of incomparable quality, consequently Henderson's Ponderosa to be true must come direct from us. Spurious and uncared for stocks will be disappointing. (See colored illustration on opposite page.) Price, 10c. packet, \$1.00 ounce, \$3.50 ¼ pound.

Henderson's Golden Ponderosa Tomato

One of the Most Interesting Novelties Ever Introduced—It Equals Ponderosa in Size, but Bears Rich, Golden-Yellow Fruits in Abundance

A yellow tomato that has color alone to distinguish it is not entirely novel. Many such varieties have been introduced, but, having failed to gain popularity, owing either to lack of flavor or some other essential, have disappeared from cultivation. Henderson's GOLD-EN PONDEROSA is equal in every respect to its parent the red Ponderosa, possessing all the qualities that have made our Ponderosa a household word throughout the land, and, in addition, has the striking color which compels instant attention. It originated as a "Sport" from the red Ponderosa and comes remarkably true; but

some parti-colored fruits may be expected. These but add interest to it.

But that which differentiates it from all other sorts is its conspicuous and striking appearance when served sliced with the red Ponderosa. This combination produces an effect appealing to the appetite, and supplies a decorative table effect both novel and attractive. (See colored illustration on opposite page.) Price, 20c. packet, 3 packets 50c., 7 packets \$1.00.

SPECIAL OFFER—ONE PACKET EACH OF RED AND GOLDEN PONDEROSA FOR 25 CENTS

OUR HEARTY THANKS TO THE HUNDREDS OF FRIENDS WHO WROTE US IN 1917 PRAISING PONDEROSA

"I am enclosing photo of one of my Ponderosa Tomato vines which was shown with the Greene Co. exhibit at the Missouri State Fair, and won first prize. It had 23 tomatoes on it, the first ripening, which weighed 34½ lbs. Three of them were 20 inches around and weighed 2¾ lbs. each. These tomatoes were all ripe at once and the first ripening."

Aug. 8, 1917. J. F. RECTOR, Springfield, Mo.

"I send you herewith two pictures of Ponderosa tomatoes. I could myself this summer, and the tomatoes were simple grand, both in size, quality and quantity."

Sept. 30, 1917. WM. J. H. KERR, Rock Island, Ill.

"I had 100 plants from Henderson's Ponderosa seed. I picked 1,800 lbs. of tomatoes, sold \$85.00 worth, gave a lot away and we canned 20 quarts."

Sept. 27, 1917. J. M. FIELD, Cocoa, Fla.

"This is January, 1917, and I am still picking Ponderosa Tomatoes from the vines. I transplanted them to the cellar before frost and they have been ripening ever since. They are excellent in flavor."

Jan. 10, 1917. KATE P. THAYER, Weymouth, Mass.

"Henderson's Ponderosa Tomatoes are certainly cracker jacks. I sold 52 bushels of enormous tomatoes, besides all we wanted for home use and pickles."

Jan. 6, 1917. JOHN A. COLLINS, Port Reading, N. J.

"I raise them as large as shown in the photo, and have done so for 20 years."

Aug. 11, 1917. F. C. KLINE, Carbondale, Ill.

"I send you a picture of my Ponderosa Tomatoes. The stocks are six feet high, as I trim them close. As you see, they are covered with tomatoes. People come from a distance to see them. They are a wonderful size."

Sept. 4, 1917. C. LENZ, Canton, Ohio.



Henderson's Ponderosa, Grown by C. W. Loomis.

"This is my second season with the Ponderosa. They are ten feet high, and have borne profusely all summer long and there is still an abundance on the vines. It is certainly the best tomato for the family garden."

Sept. 19, 1917. D. R. JOHNSTON, Richmond, Va.

"I am sending you pictures of my patch of Henderson's Ponderosa Tomatoes. The vines were 7 feet high and on one vine I counted sixty fruits."

Oct. 16, 1917. J. V. WHITING, Canton, Ill.

"I raised Ponderosas weighing 2½ lbs."

Jan. 31, 1917. F. A. D. BROWN, Columbus, Ohio.

"I enclose a picture of my Ponderosa patch. I had fifty hills and people come miles to see them. I gathered bushels of them that weighed from 1 to 2½ lbs. each."

Jan. 18, 1917. C. D. JOIE, Murfreesboro, Tenn.

"Enclosed is a photo of my Ponderosa. On no plant is there less than a peck of the finest kind tomatoes, and on some of them more. The size this year is very large, and they are free from seaminess. Everyone around stops at my back gate to look at them."

Aug. 28, 1917. VINCENT B. FISK, Mt. Oliver Station, Pittsburgh, Pa.

"I enclose a kodak of a Ponderosa Tomato plant in my garden, taken on July 31st. It is five feet tall and more than that in breadth. The fruit is now well set. I started them in the house about March 1st and planted out on May 1st."

Aug. 4, 1917. Rev. FRED. H. TOWNSEND, Vernon, Mich.

"I have made a specialty of Henderson's Ponderosa and this year I added your Golden Ponderosa which I consider a wonderful addition to the tomato family. It ripens from blossom end to stem and is remarkably prolific. I enclose a photo showing myself and 100 lbs. of tomatoes, picked on a Monday morning."

C. W. LOOMIS, Columbia, Miss.

SEND YOUR SEED ORDERS IN JANUARY OR FEBRUARY. There is a shortage in many varieties, and the demand will be greater than ever.

Henderson's Palmetto Asparagus

Larger, Earlier, More Uniform in Size, More Prolific and Disease-Resisting than any Other Asparagus Grown

Asparagus grows easily in almost any good soil, but best results are obtained in well-enriched, deeply dug, sandy loam. A well cared-for bed improves with age, and lasts for many years. It may be grown from seed, but much time is saved by planting roots.

The Asparagus plant is slow to die down in the fall, so that the roots cannot safely be dug until about November 1st. By this time the soil is so cool that the plants do not root readily, consequently many are winter killed. For this reason, we advise only spring planting for any point north of Washington, D. C.

Henderson's Palmetto Asparagus is superior to all others. We have grown and thoroughly tested every known variety of Asparagus, but—in the American climate at least—Henderson's Palmetto is the king of all Asparagus. It is superior in every way, larger, earlier, quicker in growth, more continuous in bearing and more uniform in size. The stalks average about an inch in diameter, the usual bunch of 15 shoots is 13½ inches in circumference, and weighs about 2 pounds. It is delicious in flavor, extremely tender, and equally well adapted to all sections of the country. It is also less susceptible to disease, having yielded abundant crops where all other varieties have entirely failed. (See engraving.)

Henderson's Palmetto Asparagus Seed, 10c. pkt., 15c. oz., 30c. ¼ lb., 80c. lb. A saving of one to two years is effected by planting roots.

"I wish you could see my two Palmetto Asparagus beds grown from seed sent from your establishment ten years ago. They are the wonder and admiration of all my acquaintances. The Asparagus is so large and fine and of fine flavor."

Mrs. LYDIA EDGERTON PUTNAM, Marietta, O.

Henderson's Leaflet "Asparagus Culture" Free to customers when asked for.

HENDERSON'S

Palmetto Asparagus Roots

Can be supplied from Nov. 1st to May 1st.

PRICES (buyer paying transit).....	Per 100	Per 1,000
Two-year-old roots.....	\$1.50	\$12.00
Three-year-old roots.....	2.50	20.00

Colossal. 2-year-old roots (buyer paying transit), \$1.00 per 100; \$8.00 per 1,000. For Parcel Post Zone rates see page 1 of cover. 100 2-year-old roots will weigh about 6 lbs. 100 3-year-old roots will weigh about 20 lbs.

Henderson's Palmetto Asparagus Proved Superior in an Eight-Year Test by New Jersey Experiment Station

"Henderson's Palmetto is by far the most productive sort; its productiveness, coupled with its power of resisting diseases, makes it one of the most, if not the most, desirable variety of Asparagus. Donald's Elmira is second in order of yield, but it is exceeded by Henderson's Palmetto by 24 per cent. in early yield and 32 per cent. in total average yield (covering six years of cutting) and by nearly 36 per cent. in total yield of 1903. It is thus evident that the cash return in Asparagus growing depends much upon the variety. In the six annual crops taken from the field, Henderson's Palmetto gives an average cash return of \$111.00 per acre more than the Elmira. The yield and value the last year reported on, 1903, was even more pronounced in favor of Henderson's Palmetto, the yield being 7,123 lbs. per acre; the returns for which were \$839.87 per acre, an excess over Elmira that year of \$221.88, and over Burr's Mammoth, \$333.12."—Bulletin No. 173.

Dalkeith Brussels Sprouts

A very excellent selection of this estimable vegetable, far too little known to American gardeners. Sown in June in the latitude of New York, it produces an abundant crop of Sprouts—solid, succulent and delicious—in the fall and early winter. It is harder than Cabbage, just as easily grown, and available long after all other green vegetables are gone. Cultural directions are given in Cabbage Leaflet, sent free if asked for when ordering. (See engraving.) Price, 10c. pkt., 40c. oz., \$1.25 ¼ lb.

"Our Palmetto Asparagus bed planted four years ago is fine."

Mrs. FRANK AGNEW, Winamac, Ind.

"My Palmetto Asparagus roots were so nice that my neighbor is borrowing my catalogue to order some like them."

Mrs. E. MOTLEY, Plymouth, Ohio.



DALKEITH BRUSSELS SPROUTS

HENDERSON'S PALMETTO ASPARAGUS

SEND YOUR SEED ORDERS IN JANUARY OR FEBRUARY. There is a shortage in the supply, and the demand will be greater than ever.

The Two Best Pole Lima Beans Grown

Henderson's Leviathan

THE EARLIEST POLE LIMA GROWN

Abundantly Prolific Delicious Buttery Flavor

Notwithstanding the popularity of the Bush Lima Beans, there are still many growers who prefer the pole varieties. These are, as a class later than the bush sorts, and consequently in some localities there is a difficulty in maturing the crop. In Northern States, or where, by reason of continued cool nights, the growth is less rapid, Leviathan will be found admirably adapted.

The plant is strong and takes to the poles more readily than any other sort. It is fully a week earlier than any other pole variety, therefore can be grown successfully where other sorts would be caught by frosts of early autumn.

Moreover, it is a prodigious cropper, producing its pods in large clusters from base to top of pole, frequently from 5 to 10 together. These are well-filled with large, fleshy Beans of excellent quality, delicate, pale green in color, and possessing in a superlative degree that rich, buttery flavor so highly esteemed by all. (See engraving.) Price, 15c. pkt., 45c. pt., 80c. qt., \$3.00 for 4 qts.

"For a thorough test I planted Henderson's Leviathan alongside four other well-known varieties from other seedsmen. Leviathan matured seven days earlier than any of them. Its great value lies in its extreme earliness, excellent flavor and prodigious yield." Sept. 16. W. E. VAIL, Yorktown Heights, N. Y.

"Your Leviathan and Ideal Lima Beans have been thoroughly tested by us and continue to give great satisfaction." W. L. THALES, Fullerton, Cal.

"We had most remarkable luck with your garden seeds. The Limas do great here. I picked 12 bushels of pods from 4 quarts of seed last year." H. W. BARROWS, Lake George, N. Y.

"Your Early Leviathan Pole Lima has done better than any of three other varieties grown by me; the season has been cold and wet, but the Leviathan Limas have given us great satisfaction." I. L. POWELL, Gardener to Samuel Thorne, Esq., Millbrook, N. Y.

"I thought you might like to hear of my continued success with your Leviathan Lima Bean. It is simply grand. I have planted other varieties, but so far have found none equal to yours."

EDWARD HOLLISTER, Avondale Ave., St. Louis, Mo.

"I have raised your Leviathan Lima Beans this season and can hardly word my praise for them. The Beans were fit for the table by the middle of August and were very fine and productive." Mrs. E. H. J. GRAVES, Ausable Forks, N. Y.

HENDERSON'S Pole Lima Bean Ideal

THE BEST MAIN CROP LIMA GROWN

Enormously Prolific Of Gigantic Size—Tenderness and Flavor Superb

This is another sterling variety, of our own introduction, which attains an enormous size, with a degree of productiveness which is extremely rare. The pods are amazingly large, and are borne in great clusters.

There is great satisfaction in producing such large pods, yet under ordinary conditions, anyone can do so, by planting Henderson's Ideal.

The vine does not differ materially from that of the ordinary pole varieties. Its chief distinction lies in the size of the pods, which hang in wonderful profusion on the vines.

Not only are the pods singularly large, but the average yield is greater than in any other variety, which, taken in conjunction with the great size of the individual beans, gives a net crop of really remarkable proportions.

Though a little later than our Early Leviathan, it is just as early as the ordinary pole varieties, and continues to produce enormous crops of the best flavored Beans, right up to frost. (See engraving.) Price, 15c. pkt., 45c. pt., 80c. qt., \$3.00 for 4 qts..

"I feel so proud of the Ideal Lima that I want to thank you for my success. I entered 40 pods with five and six Beans to the pod at the New Jersey Horticultural Show at Orange and received First Prize against six other Lima growers." FRED M. REINHARDT, Gardener to Mrs. F. Cummings, W. Orange, N. J.

"I wish to inform you of the results obtained from the Henderson Ideal Pole Lima Beans purchased from you last season. For some years I have made a specialty of Lima Beans and have purchased everything new offered by the different seedsmen. I have never found among any of them anything to compare with the Ideal for size, yield and quality." F. S. WHITE, St. Louis, Mo.

For Complete List of Pole Lima Beans, see page 66

HENDERSON'S GARDEN GUIDE and RECORD, 64 pages of text and 12 calendar pages, price 25c., is sent free with all orders amounting to \$2.00 or over.



THE GREAT FOOD BEAN FOR AMERICANS

THE IMPROVED "Henderson" Bush Lima Bean

(See colored illustration on opposite page.)

THE BEST FOR BOILING, BAKING OR CANNING—TASTY AND DELICIOUS.
FAR SUPERIOR TO THE ORDINARY WHITE BEAN OF COMMERCE.

SUITABLE for all SECTIONS, NORTH and SOUTH. YIELDS CONTINUOUSLY from EARLY SUMMER to FROST.

We earnestly recommend a much more extensive use of Lima Beans as a table food at this time; when it is so necessary to avail ourselves of all possible substitutes for animal food, which is now so costly.

Lima Beans are not used as largely as they should be, because it is not generally known that in a dry state they can be used in the same manner as the common beans, and keep equally well. Lima Beans are much richer and more delicate in flavor than the ordinary beans, and are unexcelled for either boiling, baking or canning, besides their great desirability as green beans, either alone or eaten with sweet corn in the form of succotash.

We—the pioneer introducers of the Bush Limas—have always realized that the original Bush Lima Bean, the "Henderson," was defective in size, and though, because of its extreme earliness, thousands of our customers were enabled to grow Lima Beans where none had grown before, the defect remained until the introduction of the Improved "Henderson," which is at least 50 per cent. larger than the original. Though a day or two later, it is still 10 days earlier than other bush forms, and weeks earlier than any of the pole varieties, yet retaining all the remarkable qualities of its predecessor, which was, without doubt, the most remarkable vegetable novelty of the last century.

The Improved "Henderson" is a perfect all-around variety, it grows as freely and is just as dependable in the North as in the South, in fact, it is the only one suitable for all sections. The quality is excellent, possessing the rich, buttery flavor common to all Limas. Price, 15c. pkt., 60c. pt., \$1.00 qt.

THOUSANDS OF ACRES OF HENDERSON'S BUSH
LIMA BEANS ARE GROWN FOR CANNING ON
A LARGE SCALE IN NEW JERSEY

Reprinted from the New York Tribune Farmer

"A big industry, carried on from start to finish by one man, is the growing of Lima Beans by Clinton Ayars, of Bridgeton, N. J., who plants 150 acres of this crop and cans all the beans from these acres.

He begins to plant usually on May 10th and plants three acres each day to July 15th. Beans planted after July 15th rarely mature before frost. As the Ayars factory can handle the products from three acres in one day, when the beans on the three acres planted on May 10th mature they are gathered and canned, and this process continues right on from day to day until the entire crop is gathered and canned. Mr. Ayars worked for six years to get this system down to this fine point, and knows the best way to work. He cannot contract with farmers and get good results, as they would not plant in the order the beans are needed at the factory so he could save and use every bean by canning every day. For this reason Mr. Ayars has bought many acres and uses them for bean culture. There are only three men in New Jersey who follow this plan of from seed to can. One of them plants one thousand acres. Mr. Ayars would have no trouble in selling the beans from one thousand acres. Mr. Ayars knows just the kind of fertilizer to use to get the green beans in large quantities. The reason he plants just three acres a day and harvests three acres a day and cans three acres a day is that three acres a day is the capacity of his vining and shelling machine.

The rows are planted fifty inches apart for best results. The "Henderson" Bush Lima Bean is used and the fields of it are a clean and pretty sight. A good vine growth is needed to shade the beans. Both hand and horse cultivators are used constantly to keep them free from weeds. When they are ripe a machine is

used to cut them off just beneath the surface of the ground. They are then forked up in piles about the same as a hay crop and carted to the factory in large wagons. They go through a thrasher and then women pick out the white beans and the rest go through a sieve to separate the green and small green. The vines and pods are carted from the factory back to the farm for fertilizer. The elements contained in the green vines are just what is needed by the land."

"Henderson's Bush Lima Beans are in my opinion the baking bean par excellence, being very tasty, and much nicer in every way than the ordinary white bean. I have had them cooked in this way for years, although I know the practice is not general."
Oct. 12, 1917. JAMES PETTIGREW, Hackensack, N. J."For years we used the Henderson Improved Bush Lima Bean for baking as well as cooked in the ordinary way. We would eat no baked beans but Henderson's Bush Limas."
A. G. KOEPPEN, Hillsdale, N. Y."The Henderson Improved Bush Lima Beans I got from you last spring are doing fine. They are excellent."
Aug. 30, 1917. R. EDGAR SIDNEY, Huntington, Ind."A word about the Lima Beans I got from you. They are by far the grandest I ever ate. There is nothing like them."
April 7. Mrs. I. W. HUDDMAN, Grand Rapids, O."Have had the most remarkable luck with your seeds. The Limas do great here. I picked 12 bushels of pods, grown from four quarts of seed last year."
March 30. H. W. BARROWS, Lake George, N. Y.NEARLY 10,000 ACRES
PLANTED WITH THE
"HENDERSON" BUSH
LIMA BEAN in California

Ranchers Jubilant in San Fernando

VAN NUYS, Feb. 17.—"The rainfall on Monday broke the light crust on the plowed lands and made it very easy to work up the soil for planting.

"Approximately 10,000 acres of beans will be planted this year in the valley. Most of the acreage will be planted with the 'HENDERSON' BUSH LIMA BEAN, which are commanding a higher price here than the large Limas."
Reprinted from San Francisco Examiner, Feb. 18, 1917.

We print the above to show the very extensive use of the "Henderson" Bush Lima Bean for canning purposes on the Pacific coast, and that it is also much preferred to other varieties.



Send Your Seed Orders in January or February. The Demand For Seeds Will Exceed The Supply This Year

IMPROVED HENDERSON BUSH LIMA BEAN

see opposite page



HENDERSON'S NEW EARLY GIANT BUSH LIMA BEAN



DREER'S BUSH LIMA BEAN



TESTING ALL VARIETIES OF BUSH LIMA BEANS ON HENDERSON'S EXPERIMENTAL FARM

FORDHOOK BUSH LIMA BEAN



HENDERSON'S

New Early Giant Bush Lima Bean

(See Colored Illustration on Opposite Page)

This newest and best Bush Lima represents the highest achievement in bean breeding and we offer our patrons, in Henderson's Early Giant, a Bush Lima that has attained the acme of perfection, surpassing any other strain or type on the market. It is the best possible Bush Lima Bean, possessing every quality so long known and esteemed in the older pole varieties, and can be grown as easily as any Snap Bean. It is the earliest of the large bush sorts, and may therefore be had on the table weeks ahead of the old pole varieties. The strong, rugged plants of true bush form, 1½ feet in height, are of healthy, sturdy, upright growth—requiring neither poles nor stakes—and bear, from July until frost, almost unbelievable quantities of 5 to 6 inch pods, each containing usually four large, thick beans averaging as large as those of the large pole Limas, and whether used green or cured, they are

PLANTS TRUE BUSH;
No Poles, No Stakes.
ENORMOUS PODS AND BEANS;
Equaling Those of Pole Limas.
QUALITY AND FLAVOR;
Tender, Rich and Buttery—
The True Lima Taste.
PRODIGIOUS YIELDER;
Early and Continuous.
DELICIOUS GREEN LIMAS;
From July Until Frost.

A FEW OF MANY REPORTS ABOUT

Henderson's Early Giant Bush Lima Bean

ALL TELL THE SAME STORY

"All those who have tried Henderson's Early Giant Bush Lima Bean recommend it with the fullest confidence, knowing that it has given entire satisfaction ever since it was sent out by the house of HENDERSON. The plants are completely loaded with large pods, and this peerless variety should be in the gardens of all lovers of Bush Limas, either for home or market purposes."

WILLIAM E. VAIL,
Yorktown Heights, N. Y.

"On April 30th I planted one quart of Henderson's New Early Giant Bush Lima Bean. There were three days of frost on them, but I now have, July 1st, six fine rows with pods on them four to five inches long."

FRANK E. DEIHL, Flushing, N. Y.
"Your Bush Lima Beans—Henderson's Early Giant—were excellent, fully equal to Pole Limas, and so much earlier. Two rows 30 feet long gave us all we could use from July until frost and we gathered liberally. They were so delicious."

Mrs. CHARLES MORTON,
Chambersburg, Pa.

"I wish to add a word of praise for your seeds, which I grow in my town garden of 20x30. I have Henderson's Early Giant Lima Beans to use before our city markets receive them and could retail them 60c. per quart."

Mrs. W. E. LAWRENCE,
Columbus, O.

"I must say the Henderson's Early Giant are the best Bush Limas I ever grew for size, bearing and flavor. The plants hung full all summer and fall."

G. L. JOHNSON, Springfield, Mass.

"Your Early Giant Lima Beans turned out splendidly last year. We are very pleased with them."

J. P. CRANSTON, Smithfield, Pa.

"I think I have tried all Bush Limas thus far introduced and give the palm for superiority to your Early Giant. It proved an early, prolific and continuous bearer of the largest limas, fully equaling in size those of my pole Limas."

JOHN L. PETERS, Topeka, Kans.

"Our order last season certainly brought us wonderful luck. Our garden is a town back lot, but we raised our summer and winter supply of vegetables on it, including your Bush Lima Beans, also tomatoes, corn, peas, onions, lettuce, etc."

"I am perfectly safe in saying that our garden will figure in value one hundred and twenty-five dollars. I had two dollars and fifty cents worth of seeds."

WILLARD DOWNS, Fredericksburg, Va.

"I wish to state that the seeds purchased of you last year proved faultless in every particular. I raised the finest Lima Beans I ever saw."

P. S. TAYLOR, Lafayette, Ind.

DREER'S

Bush Lima Bean

(See Colored Illustration on Opposite Page)

This variety of Bush Lima Bean is desirable on account of earliness, productiveness and its fixed habit of growing in the dwarf or bush form. It is a bush form of Dreer's Pole Lima Bean. The plants are of strong, upright growth, and are completely covered with large pods, many of which contain four beans. The beans are oval in shape, and thick, sweet and succulent. Price, 15c. pkt., 60c. pt., \$1.00 qt.

FORDHOOK

Bush Lima Bean

(See Colored Illustration on Opposite Page)

A stiffly erect Bush form of the "Potato" Lima Bean, bearing well above the ground, and branching freely, but with all the branches held strongly upright. Its ideal bush growth is strikingly in contrast to the low-spreading growth of the Kumerle. FORDHOOK BUSH LIMA BEAN has foliage like that of the large pole Limas; the leaves are large, smooth, and a dark rich green. The stalks that produce the blossoms are thrown out from the lateral and main stalks and the pods are borne in "clusters" of from four to eight, are of a medium green color, of a good size and contain three to five large beans of very good quality. The green beans, even when of full size, are tender, juicy and sweet in flavor when cooked. The seeds are oval in shape, and very thick, white with a greenish tinge. Price, 15c. pkt., 60c. pt., \$1.00 qt.

Henderson's Garden Guide and Record, Price 25c. Is sent free with all orders amounting to \$2.00 or over. See description on page 3.



A Complete and Economical Garden

may be secured at a considerable Saving by purchasing our

Vegetable Seed Collections

offered on Page 77

Henderson's Bountiful Bean

A FLAT GREEN-PODDED BUSH BEAN

A Prolific and Continuous Bearer. The First in Spring, the Last in Fall. Absolutely Stringless, Very Tender.

This superior variety, introduced by us, is a distinct improvement in green Bush Beans and has become exceedingly popular wherever known. Our customers who have grown it are enthusiastic in its praise; some of them say, "You do not praise it half enough." The plant is remarkably handsome and of thrifty growth, being practically rust and mildew proof. It is very hardy, extremely early, very prolific, and bears continuously for several weeks; it is the first to give pods fit to pick in the spring, and the last to yield edible pods in the fall. But the crowning merit of this grand Bush Bean is in the rich green pods, which are of immense size, thick, broad, extra long, very uniform in shape, solid, meaty and of high quality, meltingly tender, and having a delicious flavor exclusively their own. Moreover, the pods are absolutely stringless and entirely free from any tough, membranous lining, not only when young, but this tender "snap brittle" quality is retained even to maturity.

We advise leaving a few of the older pods to be used as green shell Beans, in which condition they are most palatable. It is equally valuable as a dry shelled Bean. (See engraving on opposite page.) Price, 15c. pkt., 45c. pt., 80c. qt., \$3.00 for 4 qts.

For Full Cultural Instructions for Growing Beans see our Leaflet "Garden Culture of Beans" sent free if asked for.



PRAISE FOR HENDERSON'S BOUNTIFUL

"Bountiful Bean is the best I ever grew, both for quality and quantity."

Jan. 25, 1917. R. L. MILNER, Richton, Miss.

"You do not praise these 'snaps,' as we call them in the South, enough. You give their time of bearing as only 'several weeks,' but I can tell you that my last planting of Bountiful Beans bore continuously for almost two months."

March 3, 1917. J. HAMPTON CHAMBERLAYNE, Richmond, Va.

"I will surely grow Henderson's Bountiful Beans every year."

March 5, 1917. ANNA V. DEACON, Milltown, N. B.

"The Bountiful Beans grew to be eight inches in length, but were not a bit stringy. They were the best beans I ever tasted."

May 13, 1917. Mrs. F. ROBINSON, 2004 Clinton Ave., New York, N. Y.

HENDERSON'S Earliest Red Valentine Bean

A Standard Green-Podded Dwarf Snap Bean. Full, round, meaty pods of unsurpassed tenderness. Remains long fit for use.

This grand variety is a great improvement over the original Red Valentine, as it is very much earlier, and remains fit for use for a long time. The healthy, vigorous plants are unusually hardy, successfully withstanding early frosts; it may therefore be planted very early. It will always yield a large crop of handsome, long, round, fleshy pods, rich green in color and of unsurpassed tenderness when gathered young, when it is practically stringless. It is the Standard Snap Bean, not only for the earliest, but for successive plantings, bearing up to frost. (See engraving on opposite page.) Price, 15c. pkt., 45c. pt., 80c. qt., \$3.00 for 4 qts.

Longfellow A ROUND GREEN-PODDED BUSH BEAN

Extra Early, Fine Quality, and of Delicious Flavor.

This extra early variety, although comparatively new, has been pretty widely distributed, and we have yet to hear anything but praise about its fine quality and other merits; it is in fact an ideal Snap Bean, producing a fine crop of round, straight, solid, fleshy pods averaging 6½ inches long, wonderfully tender and brittle, without a trace of tough interlining, and having no string when broken, excepting when the pods are quite old. The flavor is most delicious, while the delicate green color of the pods is retained after cooking, adding to its attractiveness when served. The plants are of robust, compact habit, unexcelled in bearing qualities, maturing the crop very regularly. It is extra early, the pods being fit to pick four days before other varieties of approximate size. (See engraving on opposite page.) Price, 15c. pkt., 45c. pt., 80c. qt., \$3.00 for 4 qts.

"Last year I grew your Longfellow Beans, and they were more than satisfactory in every way."

Mrs. ANNA R. CLIFFORD, Cleveland, Ohio.

Henderson's Black Valentine

GREEN-PODDED BUSH BEAN

Possesses all the merits of our old favorite Red Valentine, and the pod is fully one-third longer. In addition it has other valuable points. The pods are extra long, round, straight and tender, and of a beautiful soft green color. It is also equally early, but has another advantage in that it is more suitable for late planting. In a test of the Extra Early Refugee, Henderson's Earliest Red Valentine and Black Valentine, conducted in the fall, we found that Black Valentine was fully as useful as Extra Early Refugee, being equally as hardy in every respect as the Refugee, while the beans were produced in enormous quantities. For any purpose, or at any time of the year, this bean will be found exceedingly valuable to all classes of growers. (See engraving.) Price, 15c. pkt., 45c. pt., 80c. qt., \$3.00 for 4 qts.

"I claim that Henderson's Black Valentine Bean is the champion of all the dwarf green-podded snap beans, for I have tested all the good varieties. The Black Valentine is the best for both early and late planting and will stand wet, cold weather. It is of the finest quality, easy to pick, and is the most productive bean on the market today, but they must be gathered at the right time."

S. E. THURTON, New Canaan, Conn.

"The 'Country Gentleman' collection of vegetable seeds were all first class, and even better than any seed I ever planted."

A. P. LUHR, Mily Nice Farm, Pleasant Valley, N. Y.

MAIL YOUR ORDERS EARLY, say in January or February. There is a shortage in many varieties, and the demand will be greater than ever.

HENDERSON'S
BOUNTIFUL

HENDERSON'S EARLIEST
RED VALENTINE

HENDERSON'S
LONGFELLOW



OLD HOMESTEAD POLE BEAN or IMPROVED KENTUCKY WONDER

A Green-Podded Snap Pole Bean. A Marvel of Productiveness from July Until Frost. Large, Thick, Stringless Pods, Meaty, Tender and Delicious.

The best and most popular green-podded snap Pole Bean is a marvel of continued productiveness and is ten days earlier than any other green-podded Pole Bean. First pickings may be made in the latitude of New York early in July, and if gathered as they become ready for "snaps", the vine will continue to produce in abundance until frost.

The pods hang in great clusters from the top to the bottom of the vine and can be gathered by the handful; they are very large, 6 to 8 inches in length, entirely stringless, plump, round and almost solid meat, meltingly tender and of superb flavor when cooked. It is also used as a Shelled Bean, excellent in that form.

We have supplied Old Homestead Beans to customers in almost every State in the Union, and those who report on them, invariably do so in most flattering terms. (See engraving.) Price, 15c. pkt., 45c. pt., 80c. qt., \$3.00 for 4 qts.

"I want to say a word about some of your vegetables. The Old Homestead Bean is the finest ever and cannot be excelled."

W. A. HUNTER,

March 27, 1917. East Pittsburgh, Pa.

"I sent for some of your Old Homestead Pole Beans about a year ago and I find them as fine as Beans as ever I raised."

C. J. SETHMAN,

1728 Chorro St.,

Jan. 10, 1917. San Luis Obispo, Cal.

"It might interest you to know that I sent a package of your Old Homestead Beans to my mother in Sydney, Australia, two seasons ago. She wrote me later saying that they picked beans from the vines for ten months in the year."

FITZ-JAMES LONDON,

April 13, 1917. Holley, N. Y.

"Last year my Old Homestead Beans beat everything around here. Most of them measured from 10 to 11½ inches long, and there were big bunches of them. I sold all I could grow and then did not have enough."

Mrs. C. E. SCHELL,

Feb. 15, 1917.

Butler, Pa.

"The Old Homestead Beans purchased from you in past years have been thoroughly tested by us and continue to give satisfaction to ourselves and our many customers."

W. L. THALES,

R. F. D. 2, Box 42,

Feb. 11, 1917.

Fullerton, Cal.

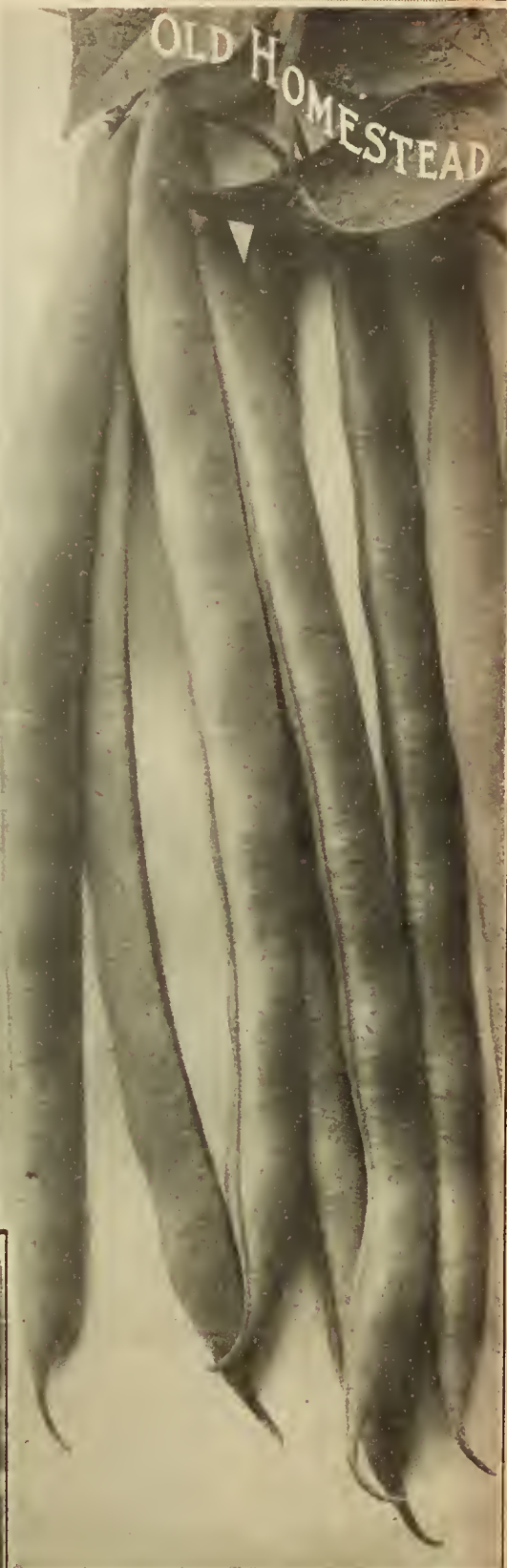
Extra Early Refugee Green-Podded Bush Bean

This variety is a decided improvement on the old Refugee or 1,000 to 1, as it is fully two weeks earlier. It has wonderfully productive. The pods are of good form, very fleshy, free from string and very tender. Almost certain to produce a crop even in unfavorable seasons. Should be in every garden. (See engraving.) Price, 15c. pkt., 45c. pt., 80c. qt., \$3.00 for 4 qts.

Complete list of

Beans on
pages 66 and 67.

OUR PAMPHLET
"GARDEN CULTURE of BEANS"
SENT FREE ON REQUEST



REFUGEE or 1,000 to 1 GREEN PODDED BUSH BEAN

Refugee, or 1,000 to 1. A popular medium variety, very productive; extensively grown for pickling; handsome, tender pods. Price, 15c. pkt., 45c. pt., 80c. qt., \$3.00 for 4 qts.

BE PREPARED Order Seeds in January or February. DON'T WAIT UNTIL YOU ARE READY TO PLANT

HENDERSON'S Yosemite MAMMOTH WAX Dwarf or Bush Bean

A GIANT AMONG BEANS
FIFTY MONSTER PODS TO A PLANT
SOLID PULP, TENDER AND DELICIOUS

The outstanding features of this wonderful bean are emphasized in the above headings. Introduced by us in 1889 it has held its place as a favorite for amateurs and market gardeners and is today better than when we first offered it. It is of such gigantic growth, for a bush bean, that it should be planted at least one-half wider than ordinary varieties, consequently a smaller quantity of seed is required for the same ground space. The size of pod and plant suggested its name.

The pods frequently attain a length of ten to fourteen inches, about the thickness of a man's finger, and are nearly all solid pulp, the seeds being very small at the period when the pods are fit for use. The pod is a rich, golden color, absolutely stringless, cooking tender and delicious. It is enormously productive, as many as fifty of its monster pods having been counted on a bush. (See engraving.) Price, 20c. pkt., 75c. pt., \$1.40 qt.

HENDERSON'S IMPROVED Black Wax DWARF OR BUSH BEAN

One of the oldest varieties grown, which by constant selection has been so greatly improved, that it compares favorably in every respect with many of the newer sorts. The dwarf bushy plants bear a heavy crop of creamy yellow pods, medium in length, quite round, slightly curved, very thick-fleshed, and tender. It is a vigorous grower with ample foliage, sheltering the pods so they are uniformly translucent. Black Wax is very early, enormously productive and of fine quality, and one of the most reliable sorts for general use. Price, 15c. pkt., 45c. pt., 80c. qt., \$3.00 for 4 qts.



Improved Golden Wax BUSH BEAN THE STANDARD FLAT, WAX-PODDED VARIETY

Among the Yellow Wax-podded or "Butter" Beans, the Golden Wax has long been in popular favor, but this Improved variety by far surpasses the old favorite in several desirable points. The plants are of vigorous, bushy growth, not susceptible to rust, moderately early, and very prolific. The pods are exceedingly handsome, long, thick, fleshy, tender and brittle. Without string or coarse fibre at all stages until maturity, while the color is of a rich golden-yellow. Although not the earliest Dwarf Wax Bean, its reliability in producing a heavy crop, whether planted in spring, summer or early fall, renders it highly valuable for both home and market planting. Price, 15c. pkt., 45c. pt., 80c. qt., \$3.00 for 4 qts.

"The Golden Yellow Wax Beans came up the tenth day from planting, and in six weeks I picked them for the table."
Mrs. EDWIN C. LESHIER, Kulstown, Pa.

The Hodson Long Pod CREAMY YELLOW WAX BUSH BEAN

ENORMOUS PLANT. ENORMOUS POD. ENORMOUS YIELDER.
NEVER AFFECTED BY RUST OR BLIGHT.

This distinct new type of bean is remarkable for its great size of plant and pod and wonderful productiveness. It will outyield any other bush bean two to one on a given area. The strong, sturdy plants often attain dimensions 2½ feet in height, and bear great quantities of long, meaty pods, measuring 7 to 8 inches in length and of a waxy cream-yellow color. The ample foliage sheltering the pods from the hot sun renders them exceptionally tender, brittle, and if picked before too old they are stringless, free from fibre and of fine table quality.

This variety is absolutely immune from bean diseases. Not a trace of rust, blight or mildew has ever appeared on a plant or pod in our trial grounds or fields during the years we have been growing it—and the past season was especially favorable for developing rust and blight on beans. The Hodson Long Pod Wax comes in about two weeks after the earliest dwarf varieties, but for main crop it is destined to become important for both the private table and for market growers on account of its phenomenal vigor and productiveness. The plants should be thinned out to at least 6 inches apart in the rows on account of the great size of the plants. (See engraving.) Price, 15c. pkt., 45c. pt., 80c. qt., \$3.00 for 4 qts.

"Hodson Long Pod Beans are fine. Last year was the first time I ever planted them and I was delighted with them."
C. J. LECHNER, Corning, N. Y.



Purchaser Pays Transportation on Beans, Peas and Corn IN PINTS OR OVER. If wanted by Parcel Post see zone Postal weight of a pint is 1 lb. rates on page 1.

TABLE BEETS

(For other varieties see Colored Plate, page 21)

Crosby's Egyptian Beet

The largest of the very early sorts. It is very quick to attain size. The shape is a little flat, but very uniform. The tops are small, and the whole plant grows easily and quickly. The flesh is somewhat lighter in color than usual, but it is very attractive. It is an excellent variety for early use. (See engraving.) Price, 10c. pkt., 35c. oz., \$1.20. $\frac{1}{4}$ lb., \$4.00 lb.

"I might say that we got first prize at our horticultural show for Egyptian Beets grown from your seeds. The judge said they were the finest and truest to their type he had ever seen."

H. N. ARNOLD, Calais, Maine.

"Your Crosby's Egyptian Beet is a winner."

FRANK E. DEHL,

Flushing, N. Y.

Henderson's Electric Beet

Extra Early
An Ideal Table Beet, Rich Red Flesh

Electric Beet is the best extra early variety grown, quite as early as any, perfect in form, and of medium size. The leaves are quite small and grow so compactly that they may be removed without marring the symmetry of the roots, so that they present an extremely attractive appearance on the table. The quality is excellent, tender, sweet and quite free from tough fibre. The color is most attractive, and its quick growing habit makes it particularly desirable for the private garden. Price, 10c. pkt., 40c. oz., \$1.40. $\frac{1}{4}$ lb., \$5.00 lb.

"We wish to say that your Electric Blood Turnip Beets are the very best for our market that we ever planted."

W. W. SAMUEL & SONS,
Eltrick, Va.

Eclipse Beet

Exceedingly popular, and one of the best early varieties; of uniform globular shape; flesh bright, glossy-red, fine grained, and unusually tender and sweet.

Price, 10c. pkt., 35c. oz., \$1.20. $\frac{1}{4}$ lb., \$4.00 lb.

DETROIT
DARK RED

Early Model Beet

This splendid variety is of English origin and is perfect for table use. It is medium early, coming in between Extra Early Electric and Crimson Globe. The roots are of good size, slightly oval, with small, dark crimson leaves and a slim tap-root. In quality and color it is peerless; very fine grained, tender and sweet, never woody or stringy. Color of both skin and flesh deep rich crimson, equalling that of the best long beets. Price, 10c. pkt., 40c. oz., \$1.40 $\frac{1}{4}$ lb., \$5.00 lb.

DETROIT DARK RED

Probably the best of the larger sorts. It succeeds equally well at all seasons, and is one of the best to sow in early spring, to succeed the extra early and medium crop sorts. It may be sown about August 1st (in this vicinity) for a crop to store for winter. The flesh is solid, always tender, of good flavor and excellent color. (See engraving.) Price, 10c. pkt., 35c. oz., \$1.20. $\frac{1}{4}$ lb., \$4.00 lb.

Henderson's Crimson Globe Beet

A Grand Second Early and Main Crop Variety

This variety has met with great favor and is remarkably popular among gardeners in all sections of the country. It needs no recommendation to those who have grown it. It is of medium size, generally about 3 inches in diameter, very handsome in shape, a little deeper than round, with a smooth, even surface. The leaves are rich crimson in color, borne on slender stems, which grow quite compactly, and are thus easily removed. The flesh is deep crimson, ringed and zoned in varying shades. It is exquisitely tender, and delicious in flavor. Though it grows quickly enough for very early use, it will remain tender for a very long period. Price, 10c. pkt., 35c. oz., \$1.20. $\frac{1}{4}$ lb., \$4.00 lb.

"Henderson's Crimson Globe Beets have been thoroughly tested by us, and continue to give satisfaction to ourselves and our many customers."

W. L. THALES, Fullerton, Cal.

ROOT
CROPS OF
ALL KINDS
SHOULD BE GROWN
BY THE HOME GARDENER

Because by storing them in cellars, or in pits outside, a bountiful supply of vegetable food for the winter may be provided.

For Full Instructions for Growing Beets See Our Pamphlet "Garden Culture of Root Crops." Sent Free If Asked For

C A R R O T

For other varieties see Colored Plate
page 21 and description on page 20

HENDERSON'S

Intermediate Carrot

A large, handsome, main crop variety, between half-long and long, with an enormous yielding capacity in deep soils. The root, 10 or 12 inches in length, is very broad at the neck, 2 to 3 inches through, and tapers evenly to the small tap-root. It grows smoothly and uniformly and has rich reddish-orange flesh, tender, sweet and entirely free from woody coarseness even at maturity.

As a table Carrot it is unsurpassed; for truckers its fine color and appearance render it salable, while as a field Carrot its great yield makes it valuable. Price, 10c. pkt., 35c. oz., \$1.20 $\frac{1}{4}$ lb., \$4.00 lb.

IMPROVED

Long Orange Carrot

An improved strain of this popular variety for either garden or field culture, roots averaging 12 inches in length and 3 inches in diameter at the top; an enormous yielder and a good keeper. The strain we offer is the result of painstaking selection—spread over a period of years—of the most highly colored and the most perfectly shaped roots of the old variety of Long Orange.

The old variety was justly esteemed for stock feeding purposes but Improved Long Orange is highly desirable for table use, the flavor being extremely good, and the flesh tender. (See engraving.) Price, 5c. pkt., 30c. oz., \$1.00 $\frac{1}{4}$ lb., \$3.00 lb.

Oxheart ^{or} Guerande Carrot

An excellent sort for the private garden, being especially valuable for spring and early summer crop. Its short, stocky character gives it great value on shallow soils, where the larger varieties will not succeed and the compact growing leaves allow close planting. The quality is excellent; it remains tender long after maturity, and may be used while very small for soups, etc. It is excellent for growing in frames. Price, 10c. pkt., 35c. oz., \$1.20 $\frac{1}{4}$ lb., \$4.00 lb.

HALF-LONG RED

Stump-Rooted Carrot

A shapely, stump-rooted variety, of medium size, and one of the best for private gardens, for summer use; medium early. (See engraving.) Price, 5c. pkt., 35c. oz., \$1.20 $\frac{1}{4}$ lb., \$4.00 lb.

"Your Half-Long Red Stump-Rooted Carrot is the best I ever saw in my life."

STEPHAN PAMPKILLE,
St. Lucia, B. W. I.

HENDERSON'S GARDEN GUIDE AND RECORD—treats concisely but sufficiently about vegetable gardening in all its branches. It contains articles understandable by any one on the following subjects:

Preparing Garden Ground:

Fertilizing, Draining, Cultivating.

Vegetable Planting Time Table:

Distance, Depth to Sow, Days from Sowing until Ready to Use, etc.

Vegetable Culture:

Companion and Successive Crops. The Fall Vegetable Garden and What to Plant. When to Gather Vegetables at their Best for the Home Table.

Transportation facilities are overtaxed, so delays must be anticipated. Send your orders in January or February.

"I thought you would like to know that I have grown your Improved Long Orange Carrot, nineteen inches long and four and one-quarter inches in diameter. I always have good luck with your seeds."

A. J. C. DIXON,
Eglinton,
Ont.

IMPROVED
LONG ORANGE

Home
Gardeners
Should
Secure a
Bountiful
Supply of
Vegetables
for Winter
Use by
Growing
and
Storing

Henderson's
Selected Carrots

Our booklet, "Garden Culture of Root Crops,"
tells all about cultivation. Sent free if asked for.

"In a small garden at the rear I have raised an abundance of Carrots from seeds obtained from you this spring. The size, quantity and quality have been a surprise, not only to myself but to others in this vicinity."

E. C. CRAIG,

East Providence, R. I.

HALF LONG RED
STUMP ROOTED



TWO GRAND EARLY TABLE BEETS

(Shown in Colors on Plate opposite)

Our booklet "HENDERSON'S GARDEN CULTURE OF ROOT CROPS" gives full instructions for planting, cultivating and also storing for winter, beets and all other root crops. It is written in plain language, easily understood by the amateur gardener. Sent free if asked for when ordering.

TESTING BEETS
AT OUR
EXPERIMENTAL FARM



Extra Early Egyptian Beet

(Shown in colors on opposite page)

First in Flavor, First in Color. First on the Table in Early Summer

An exceedingly early variety and considered by many to be the best of the early garden beets. When sown in the open ground in favorable weather, the roots may be pulled for table use in June at which time they are as big as a small apple and their flavor is at its best. The root is rounded and flattened, especially underneath; grows almost entirely out of the ground, to which it is held by a slender tap-root. The skin is very smooth; violet-red in color; flesh of a dark blood color; leaves brownish-red, more or less mixed with green. Every garden should contain a few rows of this first early beet, an additional advantage of which is that the roots may be grown very close together. (See colored illustration.) Price, 10c. pkt., 40c. oz., \$1.40 $\frac{1}{4}$ lb., \$5.00 lb.

HENDERSON'S

Early Blood Turnip Beet

(Shown in colors on opposite page)

This is a great improvement upon the good old standard variety, Early Blood Turnip Beet. It is a great favorite with many gardeners and is very attractive in appearance, the roots being smooth and uniform, and the color deep blood red. The flesh is tender and sweet and it is an excellent variety for canning.

This variety should be sown for a late crop on account of its quickness in maturing. For winter storage it is unexcelled. Price, 10c. pkt., 35c. oz., \$1.20 $\frac{1}{4}$ lb., \$4.00 lb.

ROOT CROPS SHOULD RECEIVE THE SPECIAL ATTENTION OF HOME GARDENERS because by storing them in cellars, or in pits outside, a bountiful supply of vegetable food for the winter may be secured.

Chantenay Carrot

(Shown in colors on opposite page)

This splendid Carrot belongs to the half-long "stump" or blunt-rooted type, but differs from all others of this class by its greater girth, bulk and consequent yield. It averages 6 to 7 inches in length, is broad at the neck, narrowing gradually to the round, blunt base, therefore is easily harvested. The flesh, almost free from core, is of rich orange-red and of the finest table quality; fine-grained, tender, juicy and delicately flavored. Chantenay Carrot is an excellent variety for use either for an early crop or a main crop. In the latitude of New York sow as early as possible for early carrots, certainly not later than the end of April, so that the roots will mature before July. The roots of course are best when used young. For a main crop sow Chantenay from June 1st to June 20th. Carrots split and grow rooty if checked in growth. This may be avoided by watering when dry, and by an occasional application of liquid manure.

Price, 10c. pkt., 35c. oz., \$1.20 $\frac{1}{4}$ lb., \$4.00 lb.

HENDERSON'S SELECTED

Half-Long Danvers Carrot

(Shown in colors on opposite page)

A handsome, half-long cylindrical, stump-rooted Carrot of good size and of a rich, dark orange color; it grows to a large size; is smooth, and the flesh very close in texture with very little core. It is a first-class Carrot for all soils and has yielded 25 to 30 tons per acre, with the smallest length of root of any now grown. It is more easily harvested than the longer types and is excellent to store for winter, for stock or table use. Price, 10c. pkt., 35c. oz., \$1.20 $\frac{1}{4}$ lb., \$4.00 lb.

"From Henderson's seeds I raised the finest lot of vegetables in this part of the country. I wish you could see my cellar, I have Carrots eight inches long and three inches in diameter, big round beets and celery eighteen inches to two feet high. Everything grew fine."

Oct. 30, 1917. MAXWELL HILL, Skillman, N. J.

"Your Carrots are way ahead of any others that I know about."

Mrs. ELIZABETH HARNSEBERGER, Prescott, Wis.
April 6, 1917.

"The seeds we received were very fine and we want especially to mention the Carrot." H. J. DONAVIN,
Aug. 7, 1917. 4915 N. Sawyer Ave., Chicago, Ill.

"Your Carrots were the best I ever saw. My crop made some new customers for you after I told them where I got the seed." MARTIN GINERTY,
Jan. 10, 1917. Tyngsboro, Mass.

"You should boom your Carrots, they deserve more recognition." FRANK B. ENGEL,
234 West Main St., Amsterdam, N. Y.

"Previous to eating Henderson's Carrots I did not care for that kind of vegetable, but since we raised some of those last year and learned their flavor I cannot get enough of them."

A. K. BRADENBURGH,
115 N. Allen St., Albany, N. Y.

HARVESTING
CARROTS
FOR WINTER STORAGE



Mail Your Orders Early, say in January or February.

Supplies of many varieties are short, and the demand will probably be greater than ever.

EXTRA EARLY
EGYPTIAN
BEET

see opposite page

HENDERSON'S EARLY BLOOD TURNIP BEET

see opposite page



CHANTENAY
CARROT

see opposite page



HENDERSON'S
SELECTED DANVERS CARROT

see opposite page

HENDERSON'S SNOWBALL CAULIFLOWER



JUST AS IT RUNS-RIGHT FROM THE FIELD
Beyond All Question, The Best

HENDERSON'S

SNOWBALL CAULIFLOWER

(ILLUSTRATED IN COLOR ON THE OPPOSITE PAGE)

The Cauliflower of Character—It Heads Where Others Fail

EXCELLENT FOR FORCING—INDISPENSABLE FOR SPRING CROP—INCOMPARABLY THE BEST FOR FALL

Beyond all question, Henderson's Snowball is the one perfect Cauliflower for the American gardener. There is none to equal it in value for forcing under glass for a winter crop, for which it is especially adapted by reason of its compact, upright habit, quick growth, and sure-heading quality.

Henderson's Snowball Cauliflower, grown from seed sown under glass in February and transplanted after frost, will produce perfect heads of snowy whiteness in the open ground by June 1st.

In most sections of the United States, the best and most satisfactory crop is grown from seed sown outdoors about May 20th and transplanted during July, so that the plants make their best growth during the cooler months. For this crop, Henderson's Snowball is unsurpassed.

For all purposes and at all seasons, it has become indispensable. Critical market growers use it in ever-increasing quantities, while the amateur and private gardener find it equally valuable at all seasons, owing to its reliability in heading, its strong,

vigorous habit, and the whiteness of its perfectly-formed flowers. It is without doubt, the ideal Cauliflower, perfect in size, in reliability, in color, and in quality.

Although Cauliflower may be grown as easily as Cabbage, many, through lack of knowledge of some essentials, are liable to failure. We urge those who are not familiar with its cultivation to read carefully the pamphlet we have prepared on Cabbage and Cauliflower growing, wherein we have tried to point the way to success. We may say here briefly, that success depends on growing a large plant, and that as Cauliflower is essentially a cool weather plant, this cannot be done in the hot summer months; therefore, the earliest outdoor crop must be grown from seed sown under glass in February, so that the crop will mature by June 1st; for fall use, it should be sown late in May, so that the best development may be made during the cooler weather of September and October. (See Colored illustration opposite. Price, 25c. pkt., \$4.50 oz., \$15.00 ¼ lb.

IF YOU HAD THE TIME AND WE HAD THE SPACE WE COULD QUOTE THOUSANDS OF LETTERS SIMILAR TO THE FOLLOWING

"The Snowball Cauliflower has been a surprise to everyone who has seen it, as it seems to be the first that has ever been successfully grown in this vicinity." June 14, 1917. ALEX. W. BALL, Texarkana, Texas.

"Please send the following quantities of Henderson's Snowball Cauliflower. Enclosed find check for \$79.15. Yours for the best seeds on earth." CLARK BROS. PRODUCE CO., Morgan, Utah.

March 3, 1917. "I must say I had very good results from your Snowball Cauliflower seed last year. Some of the heads weighed 3½ lbs. and some 4 lbs. each, which was very good for this climate." Mrs. EDWARD PARSON, Hampshire House, Harbor Grace, N. F.

"Last season I bought two ounces of Snowball Cauliflower at your store, and grew over 120 barrels of fine Cauliflower." WALTER KNOPP, Ramsay, N. J.

"My patch of Henderson's Snowball Cauliflower averaged over 5 lbs., the largest being something over 13 inches in diameter." J. E. THREFT, Bristow, Okla.

"I have had splendid results from your Snowball Cauliflower seed." Mrs. H. C. WHELLAMS, Winnipeg, Can.

"I mail you a photograph of the case of Cauliflower which won the highest award—a silver medal—at the St. Louis Exposition. I grew it from your Snowball seed. For reliability of heading, fine texture, and whiteness of curd, I have never grown any Cauliflower that equals it." R. E. HUSTED, South Haven, Conn.

"I find your seeds so nice and satisfactory. Everything is of the best, especially the Snowball Cauliflower. I have never been able to get good results from other Cauliflower seed. Wishing you good luck and prosperity." Mrs. HELEN M. WILEY, Grant, Grayson Co., Va.

"The Cauliflower we raised from Henderson's Snowball seed were the largest we ever grew, being 14 and 15 inches in diameter and weighing 7, 8 and 9 pounds." Mr. H. HOSSBEIN, Kirksville, N. Y.

"In fairness to you, think it no more than right to tell you your seeds proved excellent. My Cauliflower causes many inquiries as to where I purchased the seeds." C. J. WILLETT, Orchard Park, N. Y.

"I certainly appreciate the seeds I get from you, they are fine. Last year I had a number of the Snowball Cauliflower that weighed from 4 to 5½ pounds each." A. S. MOREY, Box 515, Port Allegany, Pa.

"We planted 16 plants of Henderson's early Snowball Cauliflower, and got 16 large heads from 8 to 12 inches in diameter and pure white. They were the admiration and envy of the neighborhood." J. I. MACLEAN, Oakmont, Pa.

"We are harvesting some very nice Snowball Cauliflower now from your seed sown in the spring." Mrs. WARREN N. ALLEN, Norwich, Conn.

"I may say that your Snowball Cauliflower came up in five days, 98 per cent. germinating." GEO. M. DICKSON, Leominster, Mass.

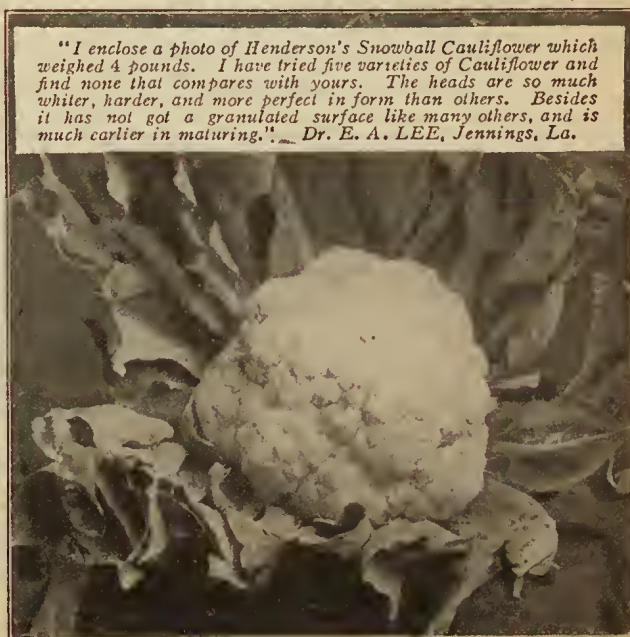


HENDERSON'S SNOWBALL IS THE BEST FOR FORCING

"Henderson's Snowball Cauliflower is grand for forcing. I send herewith a photo. of Cauliflower heads grown by me in the greenhouse from your seed. They are very fine."

A. B. DREIZBACH, Buchel, Ky.

For
other
varieties;
see
general
list
of
vegetables;
page 68.



"I enclose a photo of Henderson's Snowball Cauliflower which weighed 4 pounds. I have tried five varieties of Cauliflower and find none that compares with yours. The heads are so much whiter, harder, and more perfect in form than others. Besides it has not got a granulated surface like many others, and is much earlier in maturing." Dr. E. A. LEE, Jennings, La.

BEWARE OF IMITATIONS; We have always controlled Henderson's Snowball Cauliflower, any statement to the contrary notwithstanding, and unless the seed is bought directly from us you do not get the genuine, as we do not supply it to dealers



PRAISE FOR HENDERSON'S SUCCESSION CABBAGE

"The year before we had a beautiful lot of Henderson's Succession Cabbage, and took first prize at the exhibition. Some of the heads were immense."

H. N. ARNOLD,
Jan. 18, 1917. Calais, Me.

"I was very successful with Henderson's Succession Cabbage. It is a great test for any Cabbage to grow them and get every one to a firm head as I have done. I have given about 40 away, and the friends were delighted with them."

WALTER E. JACKES,
Feb. 2, 1917. Chatswood, N. S. W.

"Henderson's Succession Cabbage has proved to be an unqualified success and has elicited high praise from everyone who has seen it."

ALEXANDER W. BALL,
Wood St.,
June 14, 1917. Texarkana, Tex.

"The Cabbage seed (Henderson's Succession Cabbage) with which you supplied me last year turned out splendidly."

L. WATSON,
Avondale,
Sept. 27, 1917. Auckland, N. Z.

Our Leaflet "Best Methods of Cabbage Culture for Early and Late." Sent Free to Customers if asked for.

HENDERSON'S Succession Cabbage

THE MOST CELEBRATED SECOND-EARLY
VARIETY OF CABBAGE IN CULTIVATION

The Finest Cabbage for General Use
Enormous Heads of Exceedingly Tender Quality

HENDERSON'S SUCCESSION CABBAGE we consider one of our most valuable contributions to horticulture.

It stands today unrivaled as a second-early or main-crop sort, and few vegetables have held their place in the public esteem for so many years. The heads become solid long before they are fully grown, so that though immature, heads of satisfactory size may be cut long before it is at its best. This quality, combined with its ability to stand well without splitting, makes it available for use over a longer season than any variety we know, and the best to use where only one sort is grown.

We introduced this variety in 1888, and its appearance attracted instant attention. Since then there have been many attempts at imitating it, but the enormous increase of our sales, and the periodically unsatisfied demand for our stock, give testimony to the acknowledged superiority of Henderson's Succession over all would-be competitors. It stands today a money maker for the trucker, and the delight of the amateur.

It is a second-early variety coming in immediately after the first-early sorts. It greatly exceeds in size any variety in its season. Without doubt it is the best second-early Cabbage in existence, and is so finely bred, so free from coarse veining of the leaves, that, in addition to its reliability and sure cropping quality, it possesses all the fine qualities of the very best earlier varieties. (See engraving.) Price, 10c. pkt., 85c. oz., \$3.20 $\frac{1}{4}$ lb., \$12.00 lb.

"Growers of wide experience regard Henderson's Succession Cabbage as the most important production in the cabbage line, and the surest to produce a crop. It is a tradewinner for the market gardener, which is the reason it continues to grow in popular favor." W. E. VAIL, Yorktown Heights, N. Y.

"I used your cabbage seed for the first time last year. The Succession Cabbage were simply great, hundreds of heads weighing 15 and 20 pounds, and one that I pelted a little for show purposes weighed 29 $\frac{1}{2}$ pounds." B. H. DORWIN, Bainbridge, N. Y.

"I used to grow your Succession Cabbage years ago in Georgia and have never found anything here as good, so I am ordering some." A. S. DENHAM, St. Augustine, Fla.

"Henderson's Succession Cabbage Seed I find is the best variety I have ever planted."

A. J. HAWSEY, Clinton, Ia.

"Henderson's Succession is the finest Cabbage on earth. I had them all winter, in fact up to April 15th, stored in cold cellar." W. L. EVERIT, Jr., Wellsville, N. Y.

NOTE.—This peerless variety is so well known and so much sought after, that many firms are offering a "SUCCESSION" CABBAGE. We have tested many of these and find some entirely untrue and others of inferior strains. Be sure to get our highly bred and selected type, which is procurable only direct from us.—PETER HENDERSON & CO.



HENDERSON'S ORIGINAL Early Jersey Wakefield The Best First-Early Pointed-Head Cabbage

This Cabbage, though introduced years ago by the late Peter Henderson, still holds its undisputed lead as the best extra-early pointed-head Cabbage, and is more largely grown than all other first-early Cabbages combined. It is the good, old reliable; and may be depended upon for uniformity in earliness and crop. The head is large enough for so early a variety and the small outside leaves enable it to be planted closely; the heads are pyramidal in shape, having a blunted or rounded peak. It is beyond question the best variety for spring and early summer in the private garden. Its first appearance brings a welcome change from the hard-headed winter sorts, for Early Jersey Wakefield is attractive in appearance and essentially good in quality.

It has a delicacy of flavor rarely associated with Cabbage, and properly cooked may be made one of the most palatable and appetizing dishes, and worthy of a place on any table. (See engraving.) Price, 10c. pkt., 85c. oz., \$3.20 $\frac{1}{4}$ lb., \$12.00 lb.

"Had Peter Henderson done nothing else but introduce the Early Jersey Wakefield Cabbage, it would be a lasting monument to his name. No better variety is in cultivation to-day among the early kinds."—COUNTRY GENTLEMAN.

"I think your seeds are splendid and the best we ever planted. Our Wakefield cabbages last year were splendid, all headed up fine, which surprised me, as the seasons here are so short, and neighbors said we would not have any cabbage at all. We sold cabbages later to those who said so."

Mrs. GRACE JENSON, Island Pond, Vt.

HENDERSON'S Charleston Wakefield Second-Early Pointed-Head Cabbage

The pointed-head Cabbages are preferable to the larger flat kinds. When used fresh from the garden they are of excellent quality, quite free from the coarse rankness so commonly associated with Cabbage. Henderson's Charleston Wakefield is larger, but fully equal in quality to any of its class and admirably suited to succeed the very early sorts. Price, 10c. pkt., 85c. oz., \$3.20 $\frac{1}{4}$ lb., \$12.00 lb.

"Your Charleston Wakefield Cabbage is a wonder, many heads weighing 8, 10 and 12 lbs., as solid as a rock."

O. B. STAUFFER, Rocky Ford, Colo.

"I tried your Early Spring Cabbage last year, and I think it deserves a better recommendation than you give it in your catalogue."

D. J. DARKES,

Fredericksburg, Pa.

"I tried Henderson's Early Spring last year for the first time and I must say it fills a place we have so long wanted a Cabbage for. The leaves are so small you can plant it 18 inches apart. The head is very early, very hard and small to medium in size, and is ideal for the housewife."

Dr. E. A. LEE,

Jennings, La.



HENDERSON'S Early Spring Cabbage

The only Extra-Early Round Flat-Headed Cabbage. Every Head as uniform as if moulded, and remarkably solid even when young. Few and small outside leaves. Small Veins. Fine Texture and Delicate Flavor.

Its great value lies in its being a First-Early Flat Cabbage, a type much preferred over pointed heads by many people. It is of the Early Summer type, but about one-fifth smaller, and has only four to five outside leaves, and these so small that it may be planted 21 inches apart, 13,500 to the acre. Remembering that this is a first-early flat variety, the shape that is so popular on all markets, and that it is ready fully a week earlier than any sort like it, its value can be readily appreciated. The stem is short, making almost the whole plant edible. It is finely bred, the veining of the leaves being particularly fine. There is no Cabbage we know of having a more solid head; it has also the peculiarity of heading firmly at an early stage in its growth, so that the finest Cabbage, though small, can be obtained long before it has attained its mature size. Its shape and large yield per acre make it particularly valuable for truckers, and its good quality will render it the finest early flat-headed Cabbage for private gardens. (See engraving.) Price, 10c. pkt., 50c. oz., \$1.60 $\frac{1}{4}$ lb., \$6.00 lb.



HENDERSON'S

Early Market Cabbage

This Danish production is highly praised by all who have grown it. Its uniformity to type is marvelous. Every row and every head in the row look as nearly alike as if all had been turned out of a mold. The plant is small, with short stem, and few outer leaves. These have the excellent habit of curving inward, thus providing protection to the head, and so effectually economizing space that it may be planted 21 inches apart—at least 50 per cent. closer than any variety with a head of similar size.

Early Market Cabbage is but three or four days later than our Early Jersey Wakefield, and will yield a greater crop per acre than any other early Cabbage.

For home use its remarkably fine quality and tenderness will be greatly appreciated. The whole plant is well bred. There is an entire absence of coarse veins and leaves, and it has the quality peculiar to some of the best sorts, of hardening the head before it has attained its mature size. Price, 10c. pkt., 3 pkts. for 25c., \$1.00 oz., \$3.50 ¼ lb.

"I raised Henderson's Early Market Cabbage last year, and found it the finest cabbage I ever grew. It averaged 15 lbs. to the head and I had several that weighed 22 lbs.
Feb. 21, 1917.

MRS. T. A. KING, Eugene, Oregon.

HENDERSON'S SUPERIOR STRAIN OF

Danish Ball Head, or Holland Cabbage

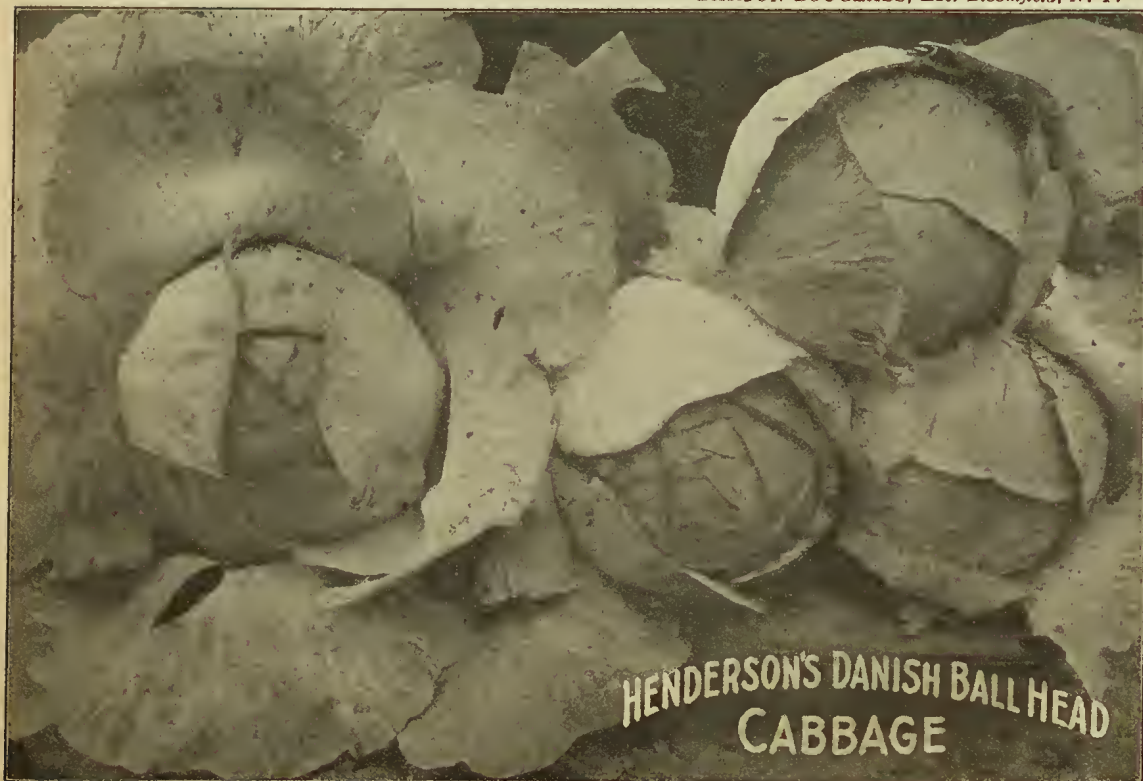
This type of winter Cabbage has become very popular of late years on account of its unequalled keeping qualities, as well as for the great solidity and weight of the heads; it is a strong, vigorous grower, "a little leggy" but producing large, round, compact heads, almost as hard as iron, weighing when trimmed fully one-fourth more than any other Cabbage of equal size; in consequence, it keeps in choice condition until spring. For boiling, slaw, sauerkraut, etc., it is unsurpassed, being crisp, tender and sweet. It seems to grow luxuriantly on all soils and under most conditions, withstanding hot, dry weather, and does not rot from the effects of wet seasons, and the heads do not burst. Our strain of Danish Ball Head Cabbage yields a larger number of solid heads than any other. This is the testimony of almost every large grower of winter Cabbage who has grown it. (See engraving). Price, 10c. pkt., 85c. oz., \$3.20 ¼ lb., \$12.00 lb.

"I wish to say that the Cabbage grown from your Danish Ball Head Seed was the best Cabbage I ever grew."

JOHN W. HOLLIS, Townsend, Del.

"I raised two acres of Danish Ball Head Cabbage from your seed that gave me 33 tons. It was the finest Cabbage drawn to market here; they were more brittle and the finest grained of any in the market."

BARTON BOUGLASS, East Bloomfield, N. Y.

HENDERSON'S DANISH BALL HEAD
CABBAGE

HENDERSON'S

Early Summer Cabbage

A Splendid Second-Early Cabbage. Large, Round,
Flat Heads, 8 to 10 Pounds Each.

This peerless variety was named and introduced by us years ago; it is widely known and largely grown. As an ideal second-early Cabbage it continues to hold its place. It forms large, flat, round, solid heads, weighing usually 8 to 10 lbs. each. The quality is excellent, tender and sweet. It comes in about ten days later than Early Jersey Wakefield, but is more than double in weight. Henderson's Early Summer will be found a far better sort than when we originally offered it, owing to continuous and careful selection. Price, 10c. pkt., 85c. oz., \$3.20 ¼ lb., \$12.00 lb.

"I have bought your seeds for my cabbage crop for a number of years, and have always had good seed, true to type. Buyers say my cabbage is the best drawn to them."

April 12, 1917.

OSCAR GRIMELE, Lyndonville, N. Y.

"I would like to state that more than one man has come to me and asked how it was that my cabbages grew so large and their's came to nothing. I told them of Peter Henderson & Co. They never fail me."

H. WICKWOOD, Albaca, Bahamas.

Words of Praise

"Enclosed find order for Henderson's Danish Ball Head Cabbage Seed. I have harvested twenty-six tons per acre from seed purchased of you. Two years ago I did not have quite enough plants from your seeds, on account of bad weather, and I purchased some plants of others with the result that I had a lot of cabbage, not Danish, that would not keep. I have used your seeds for twelve years and would not change."

CHAS. E. ROGERS,

Middleboro,

Mar. 16, 1917. Mass.

"I wish to say that Henderson's Danish Ball Head is fine. It is the best cabbage I ever grew."

Mrs. F. JANSEN,

April 24, 1917. Harvey, Ill.

"My son, whom I wrote you about last spring, did fine. He made three hundred dollars on a lot 180x190, with Henderson's Danish Ball Head Cabbage for the market. The cabbage was as clean as a pin, as we sprayed it."

W. J. LOVACK,

Iowa City,

Mar. 28, 1917. Iowa.

"I secured a quantity of Henderson's Danish Ball Head Cabbage from you, which was most satisfactory. I want some more of the same seed."

D. S. WRIGHT,

Weedsport,

May 17, 1917. N. Y.

"I have harvested 353 tons of Henderson's Danish Ball Head Cabbage from your seed. The crop came from a twenty-five acre field."

JAMES H. CARR,

Kent,

Feb. 14, 1916. N. Y.

"The 'Country Gentleman' collection of vegetable seeds I ordered from you in the spring, gave very satisfactory results, and I am having a fine garden from every kind I planted."

JOHN J. PIERCE,

Cleveland,

July 10, 1917. Ohio.

SEND YOUR ORDERS EARLY this year.

Let us have
them in

January or February

to avoid possible
delays.

Henderson's Selected Late Flat Dutch Cabbage



HENDERSON'S
SELECTED LATE FLAT DUTCH

ONE OF THE OLDEST SORTS GROWN
—LARGE, ROUND, SOLID HEADS—AN
EXCELLENT KEEPER

Our improved, highly bred strain of this old favorite Cabbage will be found very superior. It produces very large, round, flattened heads, very uniform, is firm and hard, a reliable header even under unfavorable conditions and is esteemed one of the best late fall and winter Cabbages; it is a good keeper and shipper, its attractive appearance and fine quality make it one of the best sellers.

This strain of late Cabbage had been grown by us for many years, and is now recognized as the standard of its type. Under all conditions, both in private and commercial gardens, it has been the one variety mainly relied on for late fall and winter use for over half a century.

A description seems unnecessary, when most of our patrons know it so well. It is just a good Cabbage in every respect. Grows easily, cooks easily, tastes good, and will for many years to come be highly esteemed. Our stock is just as good as ever and we are sure it will please. (See engraving.) Price, 10c. pkt., 85c. oz., \$3.20. $\frac{1}{4}$ lb., \$12.00 lb.

American Drumhead Savoy Cabbage

THE BEST FLAVORED OF ALL CABBAGES

The Savoy Cabbages differ from all others in the peculiarly crumpled character of the leaves. This is caused by a more rapid growth of the parts of the leaf between the veins, and as this is the tenderest part of the leaf, the reason for its good quality is apparent. This characteristic is maintained even in the younger leaves.

Although excellent at any season of its growth, the Savoy Cabbage is never at its best until touched by frost, and for this reason should be used only as a fall or early winter crop. In the latitude of New York the best results are obtained from crops raised from seed sown not later than June 10th. American Drumhead Savoy is, in our opinion, the best variety grown. (See engraving.) Price, 10c. pkt., 85c. oz., \$3.00 $\frac{1}{4}$ lb.

"Your Drumhead Savoy Cabbage was the finest I ever raised. 12 to 15 heads fill a barrel."
H. S. BECKER, R. F. D. 2, Bristol, Pa.



AMERICAN DRUMHEAD
SAVOY



"Your Premium Flat Dutch Cabbage is a wonder. I raised one from your seed that weighed 25 $\frac{1}{2}$ lbs. and measured 4 feet, 2 inches around."

CARL SWANSON,
Gardener to H. M. Stockton,
Plainfield, N. J.

PREMIUM

Flat Dutch Cabbage

A Standard and excellent variety, developing earlier than most late sorts but not so good a winter keeper. For fall use it is tender and of superior flavor.

Premium Flat Dutch Cabbage has a short stem, large outer leaves and is a very sure heading variety.

The heads are uniformly large and solid, and it is preferred by many as the ideal large late cabbage. Price, 5c. pkt., 85c. oz., 3.20. $\frac{1}{4}$ lb., \$12.00 lb.

"I am writing to thank you for the good seeds, and will say I have the best garden and the earliest ever. I have the largest cabbage seen around here, and my flowers were just grand."

Mrs. N. SOMBERG,
August 21st. Howter Ave., Omaha, Neb.

Our New Leaflet

"BEST METHODS OF CABBAGE
CULTURE FOR EARLY AND LATE,"

Sent Free to Customers if asked for.

HENDERSON'S
GOLDEN SELF-BLANCHING

HENDERSON'S SUPERIOR

Golden Self-Blanching Celery

Stalks Thick, Crisp
and Brittle

Blanches a Beautiful
Waxen Yellow

An excellent variety of French origin. This is the variety grown largely for market, but it is equally valuable for the private garden. It is very early, blanches quickly and its rich color makes it quite attractive. The habit of the plant is short and stocky; the stalks are broad, thick, very solid, crisp and brittle, the quality is superb, tender and free from stringiness; flavor rich and delightful. It develops a large heart quite early in its growth, which makes the greater part of the plant edible. It is fit for use early in September, and remains in use until the later winter sorts mature. Our seed is grown from a very select strain and pronounced by expert Celery growers as very superior. (See engraving.) Price 15c. pkt., \$1.75 oz., \$6.00 $\frac{1}{4}$ lb., \$20.00 lb.

"Your Golden Self-Blanching and also your Early Rose Celeries were fine last year, quite a number of stalks being over two pounds in weight. They were very brittle, no strings and of fine flavor."

March 12, 1917.

CHARLES SKEVINGTON, Naugatuck, Conn.

"You may be interested to know that in our whole crop of fifteen carloads of Henderson's Golden Self-Blanching Celery, we were not able to find enough defective stalks to fill even one crate. It is grand Celery."

Jan. 10, 1916.

WHITE, WARE & WHITE, Batavia, N. Y.

"We had great success with Henderson's Golden Self-Blanching Celery last year. All the seeds we had from you were very satisfactory."

March 3, 1916.

G. T. LOGAN, Reno, Nev.

"Just a few words of esteem regarding your Self-Blanching Celery. It certainly was fine, crisp and tender. Every seed must have grown."

Mrs. H. WHITEHEAD, Easton, Pa.

HENDERSON'S Silver Self-Blanching Celery

Thick, Pearly White Stalks Celery Perfect For Family Use

EVERYBODY CAN GROW THIS CELERY AND BLANCH IT, TOO

This Celery can be grown by anyone who has ordinarily good soil. Many people whose knowledge of gardening is limited to a few vegetables have not attempted to grow Celery, supposing that it can be grown only by an expert.

There was a reason for such a belief when all varieties needed special handling. Thirty years ago, we introduced the first Self-blanching Celery and since then the improvement in varieties has been so marvelous that the Celery industry has been completely revolutionized. Cultivation by the amateur is now easy and surer to succeed. Indeed, there is an element of success even in partial failure, for though the plants may be smaller than when grown by those with greater experience, the quality is likely to be better.

Silver Self-blanching is a "sport" from the famous Golden Self-blanching, from which it inherits its peculiarly robust habit. At the same time, it has the perfect whiteness of the old White Plume, a most desirable blend of the essential qualities of a Self-blanching Celery.

It may be blanched very quickly, either by banking with soil, by supporting 12-inch boards on edge against the row, or by the use of paper collars sold for that purpose, the object of either method being to exclude the light, which, of course, hastens blanching. The quality is excellent, and it can be used fully one month earlier than the slow-blanching sorts. (See engraving.) Price, 15c. pkt., \$1.25 oz., \$4.00 $\frac{1}{4}$ lb.

IT IS PRAISED WHEREVER GROWN

"I have purchased your Silver Self-Blanching Celery seed for several years and have had successful crops from it."

G. G. HARTLEY, Duluth, Minn.

"I had splendid success with the Silver Self-Blanching Celery last year. It was pronounced by all as the most delicious ever eaten."

JOHN A. PEAKE, North Lynn, Conn.

"Notwithstanding a very bad drought in this section, I have raised from your seeds the finest crop of Celery ever grown here. It was the Silver Self-Blanching."

C. A. BARTHOLOMEW, Oneonta, N. Y.

"Your Silver Self-Blanching Celery is the best Celery I ever grew. We had some ready for the table by July 2d—and in September it was the finest Celery ever seen. Some of the heads weighed 3 $\frac{3}{4}$ lbs., and half a dozen tipped the scales at 14 $\frac{3}{4}$ lbs. You cannot speak too highly of it."

J. HUNT, Ogdensburg, N. Y.



HENDERSON'S
SILVER SELF-BLANCHING
CELERY

WE ADVISE OUR CUSTOMERS to ORDER THEIR SEEDS at an early date. The demand will exceed the supply



OUR LEAFLET "CELERY CULTURE FOR THE HOME AND MARKET" SENT FREE IF ASKED FOR

Giant White Solid Celery

THE MOST VIGOROUS OF ALL CELERIES

Very Tender and Brittle when Blanched.

Sweet and Nutty in Flavor.

In the adjoining engraving we show a variety of Celery which has not in recent years received the attention it deserves. Always a fine table Celery we have devoted much effort toward improving it and the stock we now offer shows marked superiority to that of a few years ago. It is a splendid winter celery, keeps well, and is invaluable to succeed the early kinds. The flavor is excellent, sweet and nutty, the stalks are very brittle, almost without any fibre when blanched.

Giant White Solid Celery is an exceedingly strong growing variety, reaching 24 to 30 inches high, with fleshy, solid, broad, tender stalks which when blanched become ivory white in color. The stalks of this celery are more largely developed in proportion to the dimensions of the leaves than any other variety, and its habit of growth is very erect. (See engraving.) Price, 10c. pkt., 80c. oz., \$2.75 ¼ lb., \$10.00 lb.

HENDERSON'S

Winter Queen Celery

The Standard Variety for Winter Keeping

Late Celeries require different treatment from the self-blanching sorts. After a slight banking up in the open ground the plants are put away in deep trenches to blanch. Kept thus in contact with the earth, they acquire a greater degree of tenderness and flavor.

Winter Queen is a fine selection of Henderson's Golden Dwarf, and has all the qualities which made it popular, plus a larger and fuller heart. It is an excellent variety for a late crop, is very hardy, slow to rot in the trench and is perfect in quality. Price, 10c. pkt., 85c. oz., \$3.00 ¼ lb.

"Now I have beautiful Celery and Salsify. The Celery is Henderson's Winter Queen." Dec. 28th, 1915. Mrs. RUTH C. WATKINS, Louisville, Ky.

"I want to say that of all the Celery I ever raised, there is none to compare with Henderson's Winter Queen for fine flavor and good keeping. We still have a few stalks left at this date, and they are as good as in the middle of winter." March 6th, 1916. Mrs. ROBERT HATCH, Catonsville, Md.

"I wish to mention particularly Henderson's Winter Queen Celery. It was the best we ever had, keeping until the month of March in the trench. Rather unusual in this cold latitude."

Mrs. E. M. DOTEY, Saratoga, N. Y.



OUR NEW LEAFLET, "Celery Culture for Home and Market," Including Winter Keeping, Combating Diseases, etc. Free to Customers, IF ASKED FOR

Two World-Famous Celeries THE NEW and THE OLD

INTRODUCED BY PETER HENDERSON & CO.

(Illustrated in colors on the opposite page.)

THE FAMOUS NEW VARIETY

Henderson's Easy-Blanching Celery

GAINING IN POPULAR FAVOR BY LEAPS AND BOUNDS

Emphatically Distinct from Any Other Sort. The Easiest and Quickest to Blanch.
Excels All Late Sorts in Long-Keeping Quality. The Earliest and the Latest in One Row.

This splendid Celery was named and introduced by us. It has already taken rank with other vegetables we have introduced, many of which are the standard of merit and have achieved a world-wide reputation. The original stock has been improved under our watchful care and it is today as near perfection as nature can make it.

Henderson's Easy-Blanching Celery excels in the qualities that give Self-Blanching Celeries their value; it bleaches earlier and quicker than any of this class. It is the longest keeping variety grown (if put away green), excelling in this respect every other sort. It has proved to be among the most valuable additions we have made to the vegetable gardens of the world, and fit to take rank with the many famous varieties of vegetables with which our name is associated.

Henderson's Easy-Blanching Celery enables the market grower to command the market over the entire season, and so easily is it grown, that the amateur can produce Celery equal in quality to that which formerly could be grown only by skilled men equipped with years of experience.

The plant is of medium height, of great vigor—having thick rather than broad stalks, with shallow ribs. The leaves are slightly, but densely crumpled, distinguishing it from any other variety. Its quality is superb.

The stalks are tender and brittle, and the flavor extremely spicy and aromatic. (See colored illustration on opposite page.)

Price, 20c. pkt., 3 pkts. for 50c., 7 pkts. for \$1.00, \$2.50 oz., \$9.00 ¼ lb.

WE COULD FILL PAGES WITH LETTERS PRAISING HENDERSON'S EASY-BLANCHING

"Henderson's Easy-Blanching Celery is the best kind of Celery I ever raised and I have tried many different kinds."

FRANK B. ENGEL,

Mar. 11, 1917.

234 West Main St., Amsterdam, N. Y.

"Two years ago I ordered a small package of Henderson's Easy-Blanching Celery and made a grand success with it. A score of people visited my place and I could have sold an acre of it."

C. H. CHAPIN, Caldwell, Kans.

April 14, 1917.

"Desire to say I was most highly pleased with the Easy-Blanching Celery."

Mar. 6, 1917.

McBRIDE HOLT, 2nd, Graham, N. C.

"I tried out Henderson's Easy-Blanching Celery last season here in the Santa Clara Valley, under the most adverse conditions, and find it the best of several varieties I have raised."

Jan. 10, 1917.

C. M. RATHBUN, Los Gatos, Cal.

"Henderson's Easy-Blanching Celery was grand. Took it to our Fair and won first prize. Every one thought it grand. It never got hollow nor did it rot. We kept it in the garden until January 7th when I used the last of it."

Mar. 1, 1917.

Mrs. N. E. KLINE, R. F. D. 2, Box 38, Knox, Pa.

"We have been taking your Easy-Blanching Celery to market since the middle of July and put out between 12 and 13 thousand plants."

Aug. 29, 1917.

Miss CATHERINE B. WELSH, York, Pa.

"I wish to say a word in favor of Henderson's Easy-Blanching Celery. It is decidedly the finest that I have ever tried and, at this date, is still keeping fine. We are using it nearly every day and all who have tasted it say that it is the best."

Feb. 12, 1917.

W. HORACE LACKEY, Lexington, Va.

"A word in praise of Henderson's Easy-Blanching Celery—I have the finest lot of celery I have ever grown. It certainly is tender and crisp, and it is such a large celery."

Jan. 1, 1917.

EVAN M. GIBSON,

Gardener to R. W. Scott, Esq., Germantown, Pa.

"I am just selling the last pit of your Easy-Blanching Celery now and want to say it is fine, the best keeper I have ever tried. It has been in the pit over five months and has not rotted at all."

Mar. 26, 1917.

E. E. STEARNS, Wabasha, Minn.

"My experience with Henderson's Easy-Blanching Celery has been in trenches. Easy-Blanching has proved to be the best keeper of all the seven varieties I grew last season. Easy-Blanching kept and was in first-class condition on Good Friday, and it was very late this year. I intend to grow lots of Easy-Blanching this season."

Jan. 1, 1917.

JAMES WILSON, 60 Sarah St., Brantford, Ont.

"In regard to Henderson's Easy-Blanching Celery we are selling about 30 dozen of flat bunches per week. My customers want it on account of its nutty flavor, in preference to the yellow."

Feb. 12, 1917.

L. H. TAPPEN, New Brunswick, N. J.

"I now take pleasure in telling you of my experience with Henderson's Easy-Blanching Celery. I have just finished on the 27th of January and it was keeping fine, and I think it would keep six weeks longer if I wanted to keep it."

Feb. 2, 1917.

SIDNEY WRIGHT, Kingston, Pa.

THE FAMOUS OLD VARIETY

Henderson's Perfected White Plume Celery

THE MOST WIDELY KNOWN AND POPULAR VARIETY EVER INTRODUCED

BLANCHES QUICKLY AND THOROUGHLY. MAY BE USED EARLY IN SEPTEMBER.

This is the oldest of the self-blanching sorts, and is still immensely popular. It is by far the most attractive of all in appearance, and grows so easily that it should find a place in every garden. Under ordinary conditions, and if started early, it may be ready to blanch early in September, and be fit for use a few days later. Its slim, delicately brittle stalks, surmounted with their graceful, ornamental foliage, are unsurpassed from a decorative standpoint, while its delicious flavor and crisp tenderness captivate the most fastidious appetite. (See colored illustration on opposite page). Price, 10c. pkt., 75c. oz., \$2.00 ¼ lb., \$7.00 lb.

"Our season is short, and only early maturing plants really have a chance. We have been very successful in raising Henderson's White-Plume Celery. We have stalks eighteen inches long, full, and bleached to the very tips."

"I have taken first premium at York County Fair for two years past with your Celery (White Plume)."

G. FAHS, R. F. D. No. 9, York, Pa.

"We found Henderson's White Plume Celery perfect in germinating. We have grown it for years."

JACOB NEY, Jr., Siega, Cal.

"The Celery grown from seed I bought from you last spring is admired by all who have seen and eaten of it. They claim it is the best they have ever eaten."

Miss BELLE BODDIE, Mountville, Ga.

"We grew your White Plume Celery last year, and it was certainly fine. We have used your seeds for the past 20 years and have always found them good."

PETER de LOOFF & CO., Kalamazoo, Mich.

"I had the finest crop of Henderson's White Plume Celery last fall ever raised in this section, and so acknowledged by everyone who saw it. Had plenty of stalks, pure white, two feet long, crisp and elegant."

"After experience in Celery culture for many years, your White Plume Celery was the best we ever had. The stalks were white from root to leaf, and when prepared for the table measured twenty-three inches. Everybody said it was the most beautiful Celery they ever saw."

"Have always been told that the White Plume Celery was not a good keeping variety. We used the last of ours on April 2d and it was in fine condition; flavor as fine as ever. Raised from seed purchased from you last year."

"Your White Plume Celery that I had last season was good. I do not think there were over one hundred plants in two acres that went to seed."

WILSON BURR, Broadalbin, N. Y.

Our Leaflet "CELERY CULTURE for HOME and MARKET" sent Free if asked for



TWO WORLD-FAMOUS CELERIES

INTRODUCED BY PETER HENDERSON & CO.



HENDERSON'S WHITE DOME

HENDERSON'S EASY-BLANCHING

THE THREE BEST SWEET CORNS ON EARTH



COUNTRY GENTLEMAN

GOLDEN ROD

METROPOLITAN

INTRODUCED BY
PETER HENDERSON & CO.

THE THREE MOST DELICIOUS SWEET CORNS GROWN

(Illustrated in Colors on opposite page.)

Henderson's Country Gentleman

HENDERSON'S
Golden RodHENDERSON'S
Metropolitan

ALL INTRODUCED BY PETER HENDERSON & CO.

HENDERSON'S

Country Gentleman
Sweet Corn

Plump, Pearly-White, Milky Kernels. Retaining its Delicate Tenderness even when a little old. Very Productive, the ear is nearly all Corn.

When we first placed this Corn before the public in 1891, it created a great furore among Corn lovers—and who is there in America who does not enjoy "green Corn on the cob"?

These first impressions have been fully justified by later experiences, and the Country Gentleman Corn has become justly famous all over the United States and in some foreign countries as well. It is at once the delight of the epicure and a luxury within the reach of everybody. As will be noticed in the colored illustration, the kernels are perfectly round at the end, but of extraordinary depth, the cob being extremely small; nothing, in fact, but a core.

It is of nectar-like sweetness, luscious, tender and milky, and remains "in the milk" longer than other Sweet Corn. The ears measure 8 to 9 inches in length, and the plant is very prolific, often producing three ears to a stalk. It is a slow-maturing variety and arrives at full perfection just in time to succeed the earlier varieties. (See colored illustration opposite.) Price, 15c. pkt., 45c. pt., 80c. qt., \$3.00 for 4 qts.

HENDERSON'S

Golden Rod Sweet Corn

A Perfect Yellow Sweet Corn of Liberal Size. Delicious Golden Grains of Pleasing Flavor.

It is worthy of note that the varieties of Sweet Corn possessing the finest flavor are those that differ radically either in form or color from the ordinary sorts. Thus, Black Mexican and the yellow varieties show a strongly marked divergence from type in the matter of color, and Country Gentleman an equally marked divergence in form, and these varieties excel all others in sweetness and flavor.

When the existing yellow or golden colored varieties were introduced, it was hard to convince the public of their value; but as everyone who tasted them became enthusiastic in publishing their praise, they soon came into favor.

Golden Rod is the result of a cross between Stowell's Evergreen and Golden Bantam, and proves to be a happy and complete blending of each sort. The ear is none too small, nor is it large and bulky, but just large enough for ordinary consumption. The plants are 6 to 7 feet high, strong, profusely leaved, and bear on each stalk, at a convenient height, two ears lavishly packed with delicious golden grains of appetizing flavor. (See colored illustration opposite.) Price, 15c. pkt., 45c. pt., 80c. qt., \$3.00 for 4 qts.

HENDERSON'S

Metropolitan Sweet Corn

THE BEST EARLY SWEET CORN GROWN

The Best, the Largest, the Sweetest and the Biggest Yields of all Early Sweet Corn.

To get the first crop of really good Sweet Corn, grow Henderson's Metropolitan. There has never been any one variety of Corn besides Metropolitan that combined the essential features of earliness, productiveness and good flavor in a satisfactory degree. In these important characteristics, Metropolitan certainly outclasses any other variety. It is very little later than Cory, which has been the most popular early sort.

The plant is distinct, being very strong in stalk, growing 5½ feet in height. The leaves are numerous, narrow and very dark green in color. The ears are from 8 to 9 inches long and all set low. They are 10 to 12-rowed, well filled to the tip with large, deep grains, which are very tender. It is not merely sweet, but possesses that exquisite richness so well known in the larger and later sorts.

An ample husk insures its remaining in the "milk" longer than is usual with early varieties. As one of our friends says: "You are warranted in calling it 'Evergreen,' for it remains such a long time in the milk." (See colored illustration opposite.) Price, 15c. pkt., 45c. pt., 80c. qt., \$3.00 for 4 qts.

GARDEN OWNERS FROM ALL SECTIONS PRAISE HENDERSON'S SWEET CORN

"I certainly do enjoy Henderson's Golden Rod Sweet Corn. In two days last summer, from one row about 100 feet long, I picked 100 ears." Mar. 26, 1917. EDWIN W. RULAND, Moriches, N. Y.

"Your Country Gentleman Sweet Corn is certainly unbeatable. It is superior to any other I have tried and I have planted four of the best known kind." Aug. 27, 1917. ARTHUR De GUICHARD, Foxboro, Mass.

"My garden, though rather small, is the envy of neighbors, as my Sweet Corn last season grew to a height of nine feet and the crop was a splendid one." Feb. 1, 1917. GEO. B. DOUGAN, Newburgh, N. Y.

"No Corn could possibly take the place of your Country Gentleman." Jan. 6, 1917. JOHN E. ANDERSON, Holly Springs, Miss.

"Henderson's seeds have always given the best of satisfaction to me. Country Gentleman is a prime favorite." May 15, 1916. CHAS. E. HART, Elmira, N. Y.

"I had a sample of your Country Gentleman Corn last year. It was the best I ever used." Feb. 15, 1916. J. W. CROUCH, Ga. Chemical Works, Augusta, Ga.

"Last year I got the Country Gentleman Corn and without a doubt never saw a more productive garden in this part of the world." Feb. 17, 1916. WEBER S. INGERSOLL, Waterloo, Okla.

THE MOST DELICIOUS SWEET CORN GROWN

Mr. Thomas M. Whyte, buyer of the stores for the Hotel Knickerbocker, one of New York's palatial hotels, says:

"I have found no green Corn so satisfactory as the Country Gentleman. It is sweet and juicy, free from worms or blemish. It will not be in market before early August and then New York will begin feasting on the most delicious of Sweet Corn, the Country Gentleman."—N. Y. Evening Mail, July 24.

"I have used your seeds before to my entire satisfaction. Two years ago I grew on land never broken before, and filled with street sweepings, and which land my neighbors assured me would grow nothing, as pretty a garden as I ever saw. Grew Ponderosa Tomatoes that weighed ¾ pound and had all the family

could use besides canning forty-six quarts. Had Country Gentleman Corn seven feet high, corn delicious, also grew the Golden Rod Sweet Corn, Spinach, Early Wonder Peas, etc. Last year, as I returned here early in April, I bought my seed here, but never gathered five cents' worth of vegetables off the garden." Mrs. SAM. M. POWELL, Dallas, Texas.

"Last year I bought seeds from you. Golden Rod Corn and others were very splendid, we enjoyed eating them very much." Mar. 8, 1916. Miss CARLOTTA WALKER, N. Main St., Rutland, Vt.

"We can't say enough in favor of Henderson's Golden Rod Sweet Corn. It is most delicious." Feb. 29, 1916. M. CLAPPER, Schaghticoke, N. Y.

"Henderson's Golden Rod Corn has been thoroughly tested by us, and continues to give great satisfaction." Feb. 11, 1916. W. L. THALES, Fullerton, Cal.

"Henderson's Sweet Corn was the finest I ever planted. We are just using the last of the Country Gentleman. Next spring I will plant the same." Miss WEST LYON, Kenfrew, Pa.

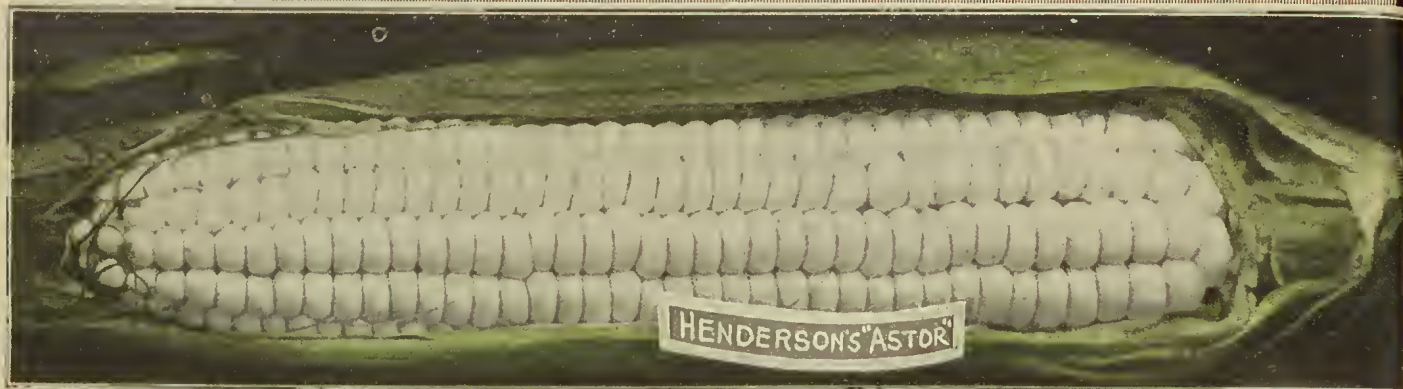
"I have planted Henderson's Country Gentleman Sweet Corn for twenty years, and there never was a better." J. F. DEESE, Cochrane, Ga.

"I have raised Henderson's Metropolitan Sweet Corn for five years in succession, and I am sure there is none better." G. ROULEAU, Auburn, Me.

"Regarding your Golden Rod Corn, would say that it was a very hard matter to induce my man to give it a trial last year. He is now convinced that it is far ahead of any other kind, and insists on having it." GEORGE A. HISKEY, So. Bethlehem, Pa.

"I brought in from my garden one morning two ears of Golden Rod sugar corn each over ten inches in length, full to the very tip, perfect, without a blemish or sign of worms." F. O. DICKINSON, St. Elmo, Tenn.

ORDER EARLY—Be Ready to Plant When the Ground Is Ready, and Gather Early Crops



Henderson's Astor Sweet Corn

MATURES QUICKLY—TENDER AND EXTREMELY SWEET

Briefly, this is a smaller and earlier strain of White Cob Corn. The plant is from 4 to 5 feet high; sturdy in habit and bearing two ears set 18 inches from the ground. These have from 8 to 12 rows of creamy-white grains, arranged in rows so compactly set together that the objectionable space between the rows so characteristic of inferior varieties is entirely eliminated. It has also a capacious husk, which effectually covers every portion of the ear, thus preserving its creamy color perfectly. The whole ear is of a size admirably suited for private use—sufficient in quantity, but not too large for the daintiest table. (See engraving.) Price, 15c. pkt., 45c. pt., 80c. qt., \$3.00 for 4 qts.



Golden Bantam Sweet Corn

A Gem for the Small Garden

A Small Ear of Remarkable Quality

ONE OF THE SWEETEST SUGAR CORNS GROWN

Golden Bantam is a dwarf medium early variety of exceptionally good quality and reliability. It is rapidly becoming one of the most popular varieties in our list. While the individual plant and ear are small, it may be planted so much closer than the larger-eared sorts, so that the net product from a given area is about the same as of ordinary sorts. The plant is about 5 feet high, medium early, but of exceptionally good quality. In all respects it is a gem—in size of plant, ear and grain. It is particularly well adapted to small gardens, on account of its small size; to the more pretentious garden on account of its excessive cropping ability on a given area, and to all because of its superb quality and delicious, satisfying flavor. It may be planted to advantage in hills three feet apart each way. If in rows, they should be three feet apart, and the plants standing singly at nine-inch intervals. It is probably the best to use where only one sort is planted, for it succeeds admirably under all conditions. (See engraving.) Price, 15c. pkt., 45c. pt., 80c. qt., \$3.00 for 4 qts.



"I must tell you of our success last season with Golden Bantam Sweet Corn. The season was very bad, and think we were about the only ones in town who had sweet corn."
Feb. 24, 1917.

Mrs. W. E. HART, Elyria, Ohio.

"I was delighted with your Golden Bantam Sweet Corn last year. I had 138 ears of perfect sweet corn from one packet of seeds."
April 2, 1917.

Mrs. S. P. MORGAN, Rascelle Park, N. J.

"The Sweet Corn I got from you last year was grand. I had the best corn in this neighborhood."
April 17, 1916.

J. S. PARKS, Columbus, Ohio.

"Henderson's seeds have always given the best of satisfaction to me. My Golden Bantam Sweet Corn was far superior to my neighbors' who purchased the seed locally."
CHARLES E. HART, Elmira, N. Y.

"Our friends think the Golden Bantam Sweet Corn the best they ever ate, and it tastes as good as in the East, though the climate here is not considered good for raising corn."
Miss ELLEN BUTTERFIELD, So. Pasadena, Cal.

"Our Golden Bantam Sweet Corn from you was a revelation; so succulent, tender and sweet. Our whole family soon learned to chase the little cream-colored ears when Corn was served at their table."
Mrs. C. L. PORTER, East Orange, N. J.

Our Leaflet, "The Cultivation of Sweet Corn," is sent free to all if asked for.

IT IS PERHAPS NOT GENERALLY KNOWN THAT SWEET CORN IS MUCH MORE TENDER AND RETAINS ITS FLAVOR BETTER WHEN PUT INTO COLD WATER AND GRADUALLY BROUGHT TO THE BOILING POINT

Purchaser Pays Transportation on Corn, Beans and Peas IN PINTS OR OVER. If wanted by Parcel Post, see zone rates on page 1. Postal weight of a pint is 1 lb.

PLANT FOR MID-SEASON
SWEET CORN

The "HENDERSON"

This ideal Corn is ready for the table about a week before the latest sorts. The "Henderson" Corn produces uniformly large, thick ears, compactly filled from butt to tip with long, milky white kernels of luscious tenderness. The delicious quality is retained for a much longer time than with most Corns. The plant is luxuriant, healthy and vigorous. (See engraving.) Price, 15c. pkt., 35c. pt., 60c. qt., \$2.25 for 4 qts.

"We had splendid results from the 'Henderson' Sweet Corn and all other seeds bought from you last year."

Mrs. J. S. HOLBROOK,

Shawneetown, Ill.

Jan. 12. 1917.



PLANT FOR EXTRA EARLY SWEET CORN

Henderson's Pocahontas

Pocahontas was obtained by the careful, painstaking effort of a New York truck-gardener to whom earliness meant all, and his work was eminently successful. The plant is of dwarf habit and very robust. The ears are of good size and are always well filled, having no gaps between the rows—a common fault of many early sorts. The flavor is excellent for so early a variety. While we recommend it primarily as a first early sort, it has been found to have great value for the latest crops, as it may be planted in this vicinity as late as July 15th, thus prolonging the season for Sweet Corn to its utmost length. (See engraving.) Price, 15c. pkt., 45c. pt., 80c. qt., \$3.00 for 4 qts.

"After trying many varieties of Sweet Corn I believe that your Pocahontas beats them all. It excels in earliness and productiveness."

LAWRENCE GEMPERLE, Mars, Pa.

"Your Pocahontas Sweet Corn is a wonder. We had corn from it on July 13th, and every stalk is filled with large, plump ears."

J. H. DOUGLAS, Ithaca, N. Y.

"I would like to know of a Sugar Corn that will beat or equal your Pocahontas Sweet Corn. We pulled the first ears of it today, July 8th, and no doubt we could have found plenty on the 4th."

W. T. BOSWORTH, Newport, Ohio.

"My father before me bought seeds from Peter Henderson & Co. and I followed him. We have been patrons for over forty years, with uniform and continuous satisfaction."

Jan. 30, 1917.

E. P. Burns, Atlanta, Ga.

PURCHASER PAYS TRANSPORTATION on Corn, Beans and Peas by the Pint and Over. If wanted by Parcel Post see zone rates on page 1. Postal weight of Corn 1 lb. per pint.

OUR LEAFLET "THE CULTIVATION OF SWEET CORN" SENT FREE IF ASKED FOR

HELP YOURSELF and help us by sending your orders early.

Avoid Possible Delay due to overtaxed transportation facilities

PLANT FOR MEDIUM
EARLY SWEET CORN

Henderson's Hiawatha

Earliness, productiveness and delicious quality are the pronounced merits of Hiawatha Sweet Corn. The ears, about 8 inches long, are compactly filled with long, plump, pearly-white kernels, lusciously tender, creamy and sweet. Another valuable feature is the length of time the ears remain "in the milk," the thick husk giving splendid protection. The plant grows about 5 feet high, bearing no less than two ears to a stalk, very uniform in shape and size. It is ready to use in from nine to ten weeks from planting, and can be confidently recommended as a perfect Sweet Corn for the home table. (See engraving.) Price, 10c. pkt., 35c. pt., 60c. qt., \$2.25 for 4 qts.

"I used your vegetable and flower seeds last year and I must say they were all excellent. I never had such good results as I had with your corn and cucumber seeds." Hiawatha yielded enormously."

H. ALLERTON, Derby Line, Vt.

"Your sweet corn Hiawatha was very delicious."

ROBERT SIMPSON, Vineland, N. J.

PLANT FOR EARLY
SWEET CORN

Early Champion

An old and thoroughly tested variety. We include it in this collection because it is particularly well adapted to continue the line of succession from the earlier sorts. It is admirably adapted to private use in every respect, producing liberal sized ears at a comparatively early season, excellent in quality, and a safe and sure cropper. Price, 15c. pkt., 45c. pt., 80c. qt., \$3.00 for 4 qts.



PLANT FOR LATE SWEET CORN

Stowell's Evergreen

Long recognized everywhere as a standard variety, both for home use and market, and is a general favorite. The ears are of a large size, grains deep, exceptionally tender and sugary, and have the advantage of remaining longer in the green state than any other. Price, 10c. pkt., 35c. pt., 60c. qt., \$2.25 for 4 qts.

"Wish you could see our corn grown from your Stowell's Evergreen Corn seed. It is the finest on the market."

BOYS' INDUSTRIAL HOME,
Williamsport, Pa.

HENDERSON'S

"Continuity"

COLLECTION OF FIVE VARIETIES OF
SWEET CORN

Offered on Pages 35 and 36 and Named Below

These collections are made up of 5 varieties to supply the home table continuously throughout the season with tender, milky and delicious Sweet Corn. They are numbered to indicate their respective seasons of maturing. The selection is made primarily for quality and may be perfectly relied on not only in this respect, but also as regards its continuity. SEEDS OF THE ENTIRE COLLECTION SHOULD BE PLANTED AT ONE TIME, OTHERWISE THE SUCCESSION WILL BE BROKEN. These collections are put up in three sizes—packet, pint and quart, and will be found of great convenience, especially to those unfamiliar with varieties.

PLANT POCAHONTAS For Extra Early

PLANT EARLY CHAMPION For Early

PLANT HIAWATHA For Medium Early

PLANT The "HENDERSON" For Mid-Season

PLANT STOWELL'S EVERGREEN For Late

PRICES OF HENDERSON'S "CONTINUITY"
COLLECTION OF SWEET CORN

1 Pkt. each of 5 varieties (sufficient for 125 hills).....	\$0.60
1 Pint each of 5 varieties (sufficient for 500 hills).....	1.75
1 Quart each of 5 varieties (sufficient for 1000 hills).....	3.00

"Last year I planted Henderson's 'Continuity' collection of sweet corn, and had corn before my neighbor's early corn was near ready. I also had corn to sell after they had used their early corn."

N. E. THORPE, Schoolcraft, Mich.

"The Henderson special Collection was a great success."

EDWARD MARTIN,

April 24, 1917.

Metairie Ridge, Iowa.

"The sweet corn was very fine and good. You may advertise my name as telling of the best results I ever had."

I. K. WARREN,

July 15, 1917.

New Hartford, Conn.

"Your collection of sweet corn seed was especially satisfactory, very fine indeed and true to name."

R. E. FISHER,

June 1, 1917.

Montoursville, Pa.

Our leaflet "THE CULTIVATION OF SWEET CORN" gives complete instructions for growing. Sent free if asked for.

PURCHASER PAYS TRANSPORTATION on Corn, Beans and Peas by the Pint and Over. If wanted by Parcel Post see zone rates on page 1. Postal weight of Corn 1 lb. per pint.



The "Henderson" White Spine Cucumber

EXTRA EARLY :: HEALTHY :: PROLIFIC :: HANDSOME :: THE FINEST FOR SLICING

Perfection has been attained in this grand improvement in the White Spine family. It is early, prolific and produces a continuous crop of uniformly large and symmetrical fruits of an intensely rich, deep green color, faintly marked with light yellowish shading toward the tip. It runs very close to type, bearing practically no misshapen fruit or culls. It is the ideal for slicing; the flesh is compact, fine grained, sparkling white and of most refreshing and delightful flavor. The vines are vigorous, quite healthy, and mildew-proof, maintaining their luxuriance and bearing abundantly from the earliest to the latest season. In every respect this variety is without a peer. (See engraving.) Price, 10c. pkt., 25c. oz., 85c. $\frac{1}{4}$ lb., \$3.00 lb.

"From one packet of Henderson's White Spine Cucumber I have grown 1,000 cucumbers some weighing as much as 2 lbs. each."
Oct. 25, 1917. J. KELLER, Havemeyer St., Brooklyn, N. Y.
"Your White Spine Cucumber is certainly fine. Last year I planted a packet, from the product of which I sold \$6.50 worth, not to mention having sufficient for making 20 quarts of first-class pickles."
March 20, 1917. R. BAERMAN, Rushford, Minn.
"We were much pleased with the seeds brought from Henderson's last year. One of the good things was the White Spine Cucumber, and it was the first time we ever grew good cucumbers."
March 2, 1917. Miss ANGIE BOUGHNER, Sistersville, W. Va.
"On June 2nd last year, we purchased from you five pounds of Henderson's White Spine Cucumber seed. We planted this seed together with twenty-five or thirty pounds from other seedsmen and we think it only fair that we should tell you of the great superiority of your seed over that purchased elsewhere. The seed we received from you developed good dark green cukes, fine shape, few culls, vines strong and healthy. Surely in these days when so much inferior seed of all kinds is sold to us farmers, it is a pleasure to be able to speak in such high praise of the way your cucumber seed grew for us last season."
Jan. 20th, 1917. EDWARDS BROS., Orient, N. Y.

Leaflet on
"Cucumber Culture,"
free to our customers
if asked for.

Henderson's Cool and Crisp Cucumber

Extra Early :: Exceedingly Prolific :: Bears the Whole Season

An extra early, exceedingly prolific and continuous-bearing variety; a very distinct and attractive selection of the White Spine class; the shape is unique, rather longer than most sorts, tapering at each end, slightly ridged throughout, with but few "knobs."

The color is beautiful dark green, shading off a little paler toward blossom end. It is one of the best Cucumbers for slicing and general use, the flesh being remarkably firm and crisp; it also yields a good number of fruits for pickling and holds its crop for an unusually long period. (See engraving.) Price, 10c. pkt., 25c. oz., 85c. $\frac{1}{4}$ lb., \$3.00 lb.

"Your Cool and Crisp Cucumber and White Spine cannot be beaten anywhere for bearing and class of fruits they bear."

EARL L. POWERS,
Oswego, N. Y.

"My Cool and Crisp Cucumbers were excellent. I never had such good results before."
H. ALLERTON, Derby Line, Vt.



Henderson's Improved New York Spineless Egg Plant

Our superior stock of this popular variety produces a large crop of shapely, purple fruits of liberal size and perfect quality.

The plant is of low growth with a vigorous branching habit, strong enough to support its massive fruits and compact enough to economize space. It is very prolific, the plants usually bearing 8 to 10 immense fruits of superb quality before being killed by frost. Such fruits as are large enough may be picked and stored in a warm, dry place at the approach of frosty nights, and they will keep in good condition for some time. (See engraving.) Price, 10c. pkt., \$1.00 oz., \$3.50 $\frac{1}{4}$ lb.

"My father, Mr. W. W. Dickerson, used your seeds for over 30 years. We are especially proud of our success with Henderson's New York Spineless Egg Plants, which we grow to an average weight of 3 $\frac{1}{2}$ lbs."

Mrs. R. A. BLACK,
April 6, 1916. Walnut Hills, Cincinnati, O.

Black Beauty Egg Plant

An early variety. A handsome, large variety of great merit; a prolific producer of uniformly large, purple-black fruits of fine quality, developing with rapidity and ready about two weeks earlier than other large sorts. Price, 15c. pkt., \$1.10 oz., \$4.00 $\frac{1}{4}$ lb.

"I never grew better Egg Plants than I had this summer. Henderson's New York Spineless and also Black Beauty are fine."
DUBOIS BRINCKERHOFF,
March 3, 1917. Beacon, N. Y.

Green Curled Endive

THE "CHICORÉE FRISÉE" OF THE FRENCH

An excellent salad plant, available long after the season for Lettuce, and more easily grown. The flavor is pleasantly bitter, stimulating and zest-giving. Is used also boiled as greens.

Green Curled is the best for general use, and is easily blanched by covering the full-grown plants with boards or pieces of slate. After severe frost the plants may be removed and planted closely in a cellar for winter use. The seed should be sown in rows about 2 feet apart and $\frac{1}{2}$ inch deep in the drill. When sufficiently grown, thin the plants out to 8 inches apart and cultivate thoroughly while growing. A very early crop may be grown by starting the seed in hotbed, greenhouse, or window box. Good results come from early spring sowing, and even better, when treated as a fall crop. Successional sow-



(Continued)

ings during July give a continuous supply after cool weather, and with a slight covering the plants may be kept in good condition well into November. (See engraving.) Price, 10c. pkt., 30c. oz., 85c. $\frac{1}{4}$ lb., \$3.00 lb.

Broad-Leaved Batavian Endive (ESCAROLLE)

Has broad, fleshy leaves, forming a large heart; makes excellent winter salad. It is also boiled as "greens." Sow in the same way as Green Curled, but thin out the plants to 10 inches apart in the rows. Price, 10c. pkt., 30c. oz., 85c. $\frac{1}{4}$ lb., \$3.00 lb.

For Chicory, large rooted, see page 68.

Henderson's "Salads, Growing and Blanching" sent free if asked for.

MAIL YOUR ORDERS EARLY, SAY IN JANUARY OR FEBRUARY. Prudence dictates you should not wait until the last minute for your garden supplies this year

DWARF GREEN CURLED Scotch Kale

Largely grown for supplying "greens" during the fall, winter and spring; also used small, like spinach; also useful in garnishing. The plants are hardy above zero; frost improves the quality. The leaves are very large, deeply curled and fringed, and of that desirable rich bright green color; the plants are of very dwarf, even growth, the leaves hugging the ground, so that they are not broken off by heavy, wet snow, as often happens with taller types.

Kale should be sown during June and transplanted later for use during fall, winter or early spring. The flavor is best after being exposed to frost. For this reason the crop from summer sown seed is preferable, although it is often used in summer. (See engraving.) Price, 5c. pkt., 35c. oz., \$1.20 $\frac{1}{4}$ lb., \$4.00 lb.

"We had heads of Dwarf Green Curled Scotch Kale that weighed 7 lbs. 9 ozs. It is the finest Kale I ever saw or tasted, and I have been eating Kale for 40 years.

A. P. LUHRS,

"Mity Nice" Farm,
Pleasant Valley, N. Y.

Oct. 27, 1917.

EARLY SHORT LEAVED White Vienna Kohl-Rabi

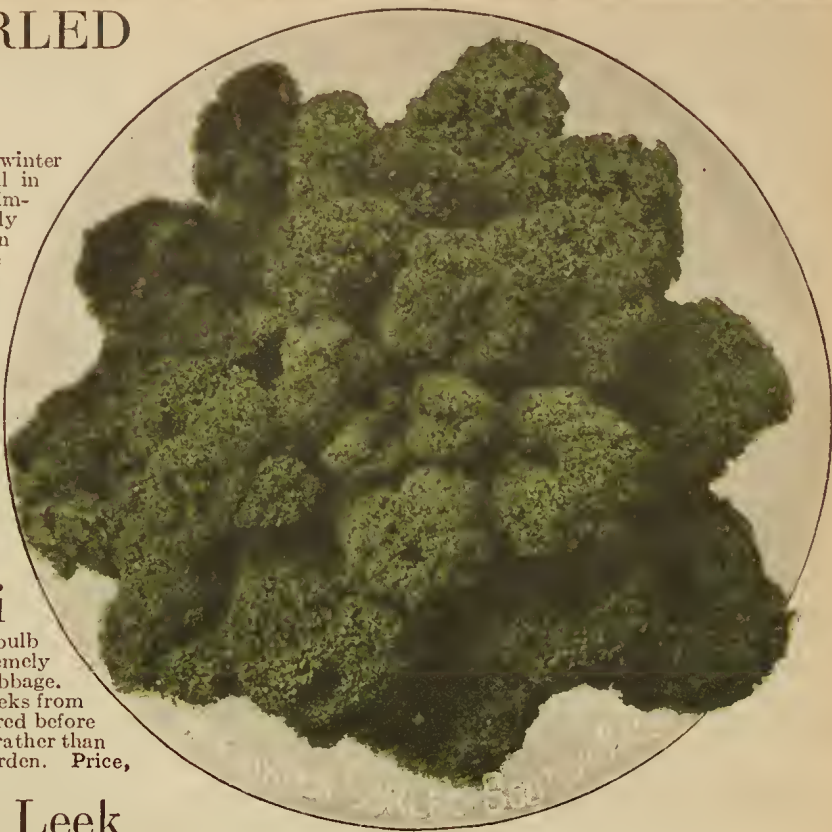
A singular variety of Cabbage with a Turnip-like bulb which forms immediately above the ground. It is extremely tender and partakes of the flavor of both Turnips and Cabbage. The bulb is large enough to be eaten in from 10 to 12 weeks from sowing, and as they are more tender and delicately flavored before fully matured, it is advisable to make successive sowings, rather than depend upon a standing crop. Should be in every garden. Price, 10c. pkt., 40c. oz., \$1.40 $\frac{1}{4}$ lb., \$5.00 lb.

Large American Flag Leek

The Leek is closely allied to the Onion. The entire lower portion of the plant is used, which is smooth, solid, and generally the same thickness throughout. It is boiled whole, or used in soups; the young plants make excellent "Scallions." The flavor is mild, and preferred by many for this reason. American Flag is the best variety for general use. We offer a very superior stock of this popular variety, so largely grown for fall and early winter use. It is of quick, strong growth, producing long stems of uniform shape and size, averaging 2 inches through by 10 inches long, blanching beautifully white and of fine, mild flavor. It makes attractive and salable bunches. (See engraving.) Price, 10c. pkt., 25c. oz., 75c. $\frac{1}{4}$ lb., \$2.50 lb.

Musselburgh OR SCOTCH CHAMPION Leek

This is the best variety for winter and spring use, being very hardy; it keeps well when earthen up. It is of slower growth than American Flag, making immense, stocky stems about 3 inches through by 6 to 8 inches long. The leaves are broad and flat, and little injured by snow; they recover their fresh, green color quickly in spring. Price, 10c. pkt., 25c. oz., 75c. $\frac{1}{4}$ lb., \$2.50 lb.



LARGE
AMERICAN FLAG
LEEK





Henderson's
Big Boston
Lettuce

HENDERSON'S Big Boston Lettuce

The Best Head Lettuce
on Earth. More Ex-
tensively Grown Than
Any Other Lettuce.



IT IS PRAISED BY ALL GROWERS

"While I am not in the habit of writing testimonials, I cannot refrain from telling you of the great success I had with Henderson's Big Boston Lettuce this season. I am only an amateur gardener, but owing to multiplicity of plants I got from the seedlings I was compelled to sell some of the head lettuce to keep it from wasting and I received 15c per head for it at the greengrocer's. Some of the heads measured 22 inches in circumference by 14 inches in height. FRED G. BUNNELL, Toms River, N. J. July 25, 1917.

"Lettuce grown from your Big Boston seed grew perfectly and as large as a cabbage." J. RYAN, Kansas City, Mo. Aug. 5, 1917.

"People around here had never seen such beautiful heads of Lettuce as we grew from your Big Boston. WILLIAM SCHMIDT, Kenosha, Wis. April 4, 1917.

"I am so well pleased with your Big Boston Lettuce that I am sending you another order. Mrs. W. H. VEEDER, Sandwich, Mass. March 26, 1917.

"I planted some of your Big Boston Lettuce seed in the early Spring, and have never before seen such wonderful heads of fine crisp lettuce." Miss HELEN G. STIVER, Croton-on-Hudson, N. Y.

"I plant Henderson's Big Boston Lettuce seed every year. It never disappoints." Mrs. MARY P. JONES, Wall St., Kingston, N. Y.

"I raised a very excellent garden with your seeds last year. Especially I wish to praise Henderson's Big Boston Lettuce. I had very good lettuce, even in the hottest weather." E. N. MORRISON, Garfield St., Kansas City, Kans.

"I have never before tasted such wonderful head lettuce as mine grown from Henderson's Big Boston seed. All my friends say they never tasted anything quite so tender and crisp." Miss S. McKUSICK, Stillwater, Minn.

HENDERSON'S

Big Boston Lettuce

A GRAND, LARGE, CABBAGE LETTUCE

Big, Compact, Tender and Crisp, Creamy-White Heads

This grand variety, introduced into cultivation by us several years ago, has proved to be most valuable, steadily gaining in popularity until it is now more extensively grown than any other kind of Lettuce, either for the private table or for sale, North, South, East or West; whether grown in the open ground for early summer and fall use, in frames for spring, or forced cool in greenhouses for winter use. It invariably gives both grower and user the utmost satisfaction, producing, under ordinarily favorable conditions, splendid, large, creamy-white heads, packed with thoroughly blanched leaves, crisp, tender and sweet, delighting both the palate and the eye. This grand variety makes a handsome plant, with but few outside leaves, and stands long before bolting to seed. Big Boston is one of the best large-heading Lettuces, and, while it succeeds at all seasons, except during the very hottest months, it is peculiarly adapted for late fall culture. Large areas of it may be seen in the vicinity of New York as late as Nov. 15th; a slight covering of salt marsh hay amply protecting the plants from hard frosts, which when cut for market are as fresh, bright and untinged as at any season. Thousands of acres of it are grown during the winter in Florida and other Southern States for shipping to Northern markets; in every State it is wonderfully popular; in fact, we know of no other variety that gives such general satisfaction under such varying conditions. As many of our customers have said: "It is the best Head Lettuce on earth." (See engraving.) Price 10c. pkt., 30c. oz., 75c. $\frac{1}{4}$ lb., \$2.50 lb.

We deliver Free in U. S. by Parcel Post or Express, at our option Vegetable and Flower Seeds

by the pkt., oz. and quarter lb. See full details on page 1

HENDERSON'S
"Succession"
Collection of Four
SUPERIOR HEAD
LETTUCES

Each Being of the
FINEST QUALITY

From these may be grown the best Lettuce possible, continuously from early spring to late fall. Sow at intervals as given in our cultural pamphlet.

Mignonette for Extra Early.
Described on Page 43.

Salamander for Second Early.
Described on Page 42.

New York for Main Summer Crop.
Described on Page 42.

Big Boston for Fall Crop.
Described on Page 40.

Price—the Collection: 1 packet each of the above 4 Superior Head Lettuces for 30c.

"Your Romaine Lettuce, Trianon, beats out the weeds and grows well on a clay soil. It is all eatable."
E. H. STEWART,
Silver Creek, N. Y.

"I had fine luck with Henderson's Trianon Cos Lettuce, in spite of the bad weather; many of them weigh 2 lbs., of solid white lettuce."
J. DAVID, Winsted, Conn.



HENDERSON'S
"ROMAINE" OR COS LETTUCE TRIANON

Trianon is by far the best of the Cos, or Romaine, varieties. These are becoming very popular; they have a distinct and pleasing flavor. The long, spoon-shaped leaves form oval-shaped heads, and are easily blanched by gathering the outer leaves at the top and loosely tying them with soft string, several days before wanted for the table. Romaine Lettuce may be used to advantage where the heading varieties do not succeed, as almost the entire plant is tender and palatable. Price, 10c. pkt. 30c. oz., 75c. 1/4 lb., \$2.50 lb.



HENDERSON'S
GRAND RAPIDS
LETTUCE

The Great Lettuce of the Great West
Indoors or Out the Easiest
of all to Grow

This is probably the best of the loose-leaved varieties. It forms no head, but produces an abundant crop of pale green leaves, slightly but closely crumpled, which, even when old, retain their characteristic sweetness and brittle character. In this respect it excels many of the best heading varieties. Moreover, the flavor even of the outside leaves is fully equal to that of the heart leaves of many heading varieties.

In the Middle West, and in many other sections, it is extremely popular. We strongly urge those who cannot succeed in getting Lettuce to head to grow Grand Rapids. The plant may be cut whole, or the outside leaves may be removed, leaving the younger ones to grow. The lower leaves grow clear of the ground so that it rarely suffers from rot, and is therefore more largely grown for forcing than any other sort. (See engraving.) Price, 10c. pkt., 30c. oz., 75c. 1/4 lb., \$2.50 lb.

"The Grand Rapids Lettuce seed I got from you is very fine, and produced the best plants I ever got."
E. F. QUIEL, Wyandotte, Mich.

"My garden planted with your seeds is a joy to look at. The Grand Rapids Lettuce is fine."
CHARLES E. HART,
Water St., Elmira, N. Y.

HENDERSON'S New York Lettuce

The King of Main Crop Head Lettuces

Immense Heads as Solid as a Cabbage. Blanches Beautifully. Crisp, Tender and Free from Bitterness.

It produces immense heads, often 15 and 16 inches across, and weighing enormously. The interior is beautifully blanched, creamy-white, crisp, tender and delicious, being absolutely free from any trace of bitterness. It is a very large, robust growing variety, rooting deeply, resisting hot, dry weather, very slow to run to seed and a sure header under most trying conditions. The outer color is of a distinct apple green. We introduced this variety a number of years ago, and it has been extensively grown by our customers in almost all sections of the country and from whom we receive most gratifying reports. As a standard main summer crop, hot weather Lettuce, it is in every way desirable and has no equal, but is not recommended for forcing. (See engraving.) Price, 10c. pkt., 30c. oz., 75c. $\frac{1}{4}$ lb., \$2.50 lb.

WORDS OF PRAISE FOR HENDERSON'S NEW YORK LETTUCE

"I got your New York Lettuce this summer for the first time. We had some served at table on the 30th of May, and all said they had never tasted any lettuce half the equal of this great wonder."
WM. A. HAIN,
June 12th, 1916. Adamstown, Pa.

"I have grown your New York Lettuce for years, and all my friends say it is the finest they ever saw."
KENNETH GRUBB,
February 1st, 1916. Atlantic, Iowa.

"Henderson's New York Lettuce is something great. The finest I ever saw."
C. M. HULSART, Ridge Avenue, Lakewood, N. J.

"I have never found any Lettuce as satisfactory as Henderson's New York."
Mrs. M. B. WILLIAMS, Davenport, Iowa.



HENDERSON'S PERFECTED Salamander Lettuce

A SPLENDID SUMMER VARIETY

Salamander is one of the few varieties that will head well during hot weather. If the instructions given on lettuce culture in our booklet "Salads, Growing and Blanching," are followed, success is assured with Salamander. It will grow equally well as an earlier crop, but is excellent by others for fall use. It forms a good sized, compact head, creamy-white in color, and has all the rich flavor of the "butter" Lettuce. (See engraving.) Price, 10c. pkt., 30c. oz., 75c. $\frac{1}{4}$ lb., \$2.50 lb.

"Last Spring I ordered your Salamander Lettuce and must say it was most satisfactory notwithstanding the hot, dry weather in June."

WM. C. KIDDER,
Sea Girt, N. J.

"All the lettuce I grew from your seeds last season were top notch."

Rev. C. W. KING,
Grand Forks, B. C.

Our booklet "Salads, Growing and Blanching" sent free on request.



Our Business was founded by Peter Henderson in 1847 and is now carried on by his son Charles Henderson and by his grandsons Peter and Howard M. Henderson

HENDERSON'S NEW Unrivalled Lettuce

SUCCEEDS AT ALL
SEASONS
EARLY, TENDER, CRISP
and BUTTERY

This is a new variety, and has proved to be a very valuable acquisition to the Lettuce family. It is very early in maturing, being fit for use about the same time as Henderson's Big Boston, which it resembles somewhat in appearance and in the size of the head. Henderson's Unrivalled Lettuce is pale green in color, shading to creamy white at the center of the head, which is formed of closely wrapped crispy leaves giving it great compactness of form. It has a pleasing buttery appearance, and we highly recommend this sort, feeling confident that it will become a prime favorite. (See engraving.)

Price, 15c. pkt., 50c. oz., \$1.50 1/4 lb.,



HENDERSON'S Tenderheart Lettuce

A succulent, early head Lettuce. Every plant is uniformly perfect, nearly all head, with few outside leaves and most attractive in appearance. The heads are compactly formed of densely packed cream-colored heart leaves of fine quality, tender, crisp and sweet. Color of the outside leaves pale green, slightly tinged reddish-brown. It is not only very early and hardy but stands early summer heat well, and though it does not bolt to seed for two weeks after heading we do not recommend it for use during very hot weather. (See engraving.) Price, 15c. pkt., 50c. oz., \$1.50 1/4 lb.

PRaise FOR HENDERSON'S TENDERHEART LETTUCE

"We enjoyed Henderson's Tenderheart Lettuce very much indeed. It is so very tender and crisp."
Aug. 8, 1917. Mrs. GUS KELLEY, West Harwich, Mass.

"Henderson's Tenderheart Lettuce sold better in the market than any lettuce I ever grew before. My customers would not have any other kind."
B. F. CROSTIE, Harvard, Ill.

"The lettuce I grew from your seed was certainly top-notch. I want none better."
Rev. C. W. KING, Grand Forks, B. C.

"I am sending you a sample head of Henderson's Tenderheart Lettuce. Everybody says it is the finest lettuce ever seen here. We have no trouble in selling all we can raise."
J. HEID, Riverhead, L. I.

"Henderson's Tenderheart Lettuce is the finest and most handsome lettuce I ever raised. Its heading and eating qualities are unequalled. I sowed seed in March, and the second Sunday in May I cut extra large heads."
J. F. HYND, Cload, Ark.

"I cannot help sending you my testimony regarding your Tenderheart Lettuce. It succeeded beyond my expectations, and is the finest lettuce grown. Put this in your catalogue next year."
BENOIT BARRIOS, Jesuits Bend, La.

"Your lettuce did fine in our garden, producing buttery heads from spring until frost."
J. D. MacLEAN, Oakmont, Pa.

AN APPRECIATION FROM THE SOUTH.

"I purchased seeds from you in the early spring, which I planted in all the vacant spaces in the Burton Lumber Co. yard. I had, and am having, a supply of the finest vegetables I ever saw. I am sending you our pictures of the gardens."
G. S. CARTER, Charleston, S. C.

Our booklet "Salads, Growing and Blanching" tells all about the cultivation of Lettuce and other salad plants; sent free with orders if asked for.

Henderson's Mignonette Lettuce

A DELICIOUS FIRST EARLY. ONCE TASTED ALWAYS WANTED

A little gem of Lettuce—perfect in quality, with bronzed, russet-green outer leaves. The solid heads blanch creamy-white, and are tender and sweet as well as—well, Mignonette Lettuce. It is extremely hardy, and is the best sort for early spring use, for cold frame culture, or for an outdoor winter crop in the Southern States. It is very early and heads quickly and surely. Being slow to go to seed it is sometimes used as a summer variety, though it does not stand extreme heat so well as some sorts. The diminutive plant permits it to be set as closely as five inches apart; an obvious advantage to many. (See engraving.) Price, 10c. pkt., 30c. oz., 75c. $\frac{1}{4}$ lb., \$2.50 lb.

WORDS OF PRAISE FOR HENDERSON'S MIGNONETTE

"The Mignonette Lettuce is by far the best and most tender of all the lettuce."

Mrs. CHAS. A. CUFFEL,
June, 1917. Doylestown, Pa.

"We think the Mignonette Lettuce the best we have ever grown."

Mrs. W. T. McELROY,
July 9, 1917. Springfield, Ky.

"We tried your Mignonette Lettuce and it is the best we ever had. We had heads as large as a small cabbage and so tender."

Miss FRIEDA RIES,
July 21, 1917. Evansville, Ind.

"I want you to send me two packages of your Mignonette Head Lettuce for I think it is the best in the world."

Mr. I. E. McCLOUD,
July 17, 1917. Williamsport, Ind.

"No Corn takes the place of your Country Gentleman and no Lettuce beats the Mignonette."

Mr. JOHN E. ANDERSON,
Jan., 1916. Holly Springs, Miss.

"We have had Mignonette Lettuce all summer and think it is the best we ever ate."

Mrs. GUS KELLEY,
Aug. 8, 1917. West Harwich, Mass.

"Henderson's Mignonette Lettuce seed I received from you in the spring produced fine, crisp, tender heads."

EDWARD DILLINGER,
1606 Walz St., Pittsburgh, Pa.



HENDERSON'S Mammoth Black Seeded Butter Lettuce

Forms Enormous Hard Heads
Tender, Sweet and Crisp

The strain we offer of this standard sort may be depended upon to give great satisfaction to all lovers of Lettuce.

It is well adapted for growing under hot weather conditions, and produces large, solid heads of excellent quality, tender, crisp and buttery, with but few outside leaves.

It is extensively used as an outdoor variety as well as for frame culture, and it has been proved time and again that even under adverse conditions

Henderson's Mammoth Black Seeded Butter Lettuce, will produce a satisfactory crop.

It is a mid-season variety, and should be planted for succession to the earlier sorts. (See engraving.)

Price, 10c. pkt., 30c. oz., 75c. $\frac{1}{4}$ lb., \$2.50 lb.

"Your Black Seeded Lettuce is the grandest lettuce for an amateur gardener that I have ever seen. The neighbors were simply raving about it. It is the most tender and delicious lettuce I ever tasted."

Mrs. M. SILVA,
April 24, 1916. Jamaica, N.Y.

Henderson's booklet, SALADS, GROWING AND BLANCHING tells all about the cultivation of lettuce. It also explains how to grow all other salad plants. How to force Witloof, Chicory, Endive, etc., for winter salads. It is sent free if requested when ordering.



ORDER EARLY—Be ready to plant when the ground is ready, and gather EARLY CROPS

Cole's Early Watermelon

NORTH rivals SOUTH with COLE'S EARLY

PRODUCES LUSCIOUS MELONS
WHERE NONE GREW BEFORE
SUREST IN CROP PRODUCTION

QUALITY EQUAL TO THE BEST

This is the easiest to grow of all the Watermelons. If you have failed with other sorts you can succeed with Cole's Early. It is the best variety for the family garden, primarily so on account of its extreme earliness, but mainly because it has all the qualities necessary to a perfect variety for this purpose. Its remarkably early character entirely removes the most common hindrance to its cultivation. As far north as Canada and in places where Watermelons never grew before, Cole's Early is now supplying the tables of those who grow it, just as bountifully and with just as good Melons as in the sunny regions of the South.

It is good in every respect, producing a liberal crop of Melons twelve inches long and nine inches in diameter, not large, but in abundance and of delicious quality. The deep red, fine grained flesh ripens from heart to rind, while its rich color and luscious flavor are tempting to the most exacting and critical taste. (See engraving.) Price, 10c. pkt., 25c. oz., 75c. $\frac{1}{4}$ lb., \$2.50 lb.

"I planted a package of your Cole's Early Watermelon seed last year and I raised about 15 of them. I got some big ones and the quality of all of them was fine. Everybody in town had a small piece."

MAX CLINTON SNOW, So. Royalston, Mass.

"Cole's Early Watermelons were of the best quality and also very productive."

V. M. BROWN, East Moravia, Pa.



Henderson's SUPERIOR MUSHROOM SPAWN

The white thread-like substance seen permeating the brick or tablet in which Mushroom Spawn is sold is called Mycelium. The edible part of the Mushroom is analogous to the flower in other plants. The spawn as sold is in a dormant condition, growth being suspended by withholding moisture. The task for the grower is to cause it to revive and resume growth. This is accomplished by placing the spawn in prepared beds of fresh horse manure and soil, which may be made in a shed, cellar, or under greenhouse benches. Next to proper preparation the most important thing is to maintain a uniform and moist air temperature of 50 to 60 degrees. Full directions given in pamphlet, free if asked for.

American Pure Culture Mushroom Spawn

Recent discoveries in the production of Mushroom Spawn have enabled us to offer cultures taken only from selected specimens, thus extending the work of selection to this delicious vegetable. It is now possible to reproduce Mushrooms showing superiority in size, color and shape. The value of such selection is already apparent, for we are now able to offer a pure culture spawn that will produce Mushrooms, uniform in shape, even in size, and of a constant creamy-white color. American Pure Culture Spawn is sold in flat bricks about $1\frac{1}{2}$ inches thick, weighing about 1 $\frac{1}{2}$ pounds. One brick may be broken into nine pieces, which, set 12 inches apart, will spawn an area of 9 square feet. (See engraving.) Price per brick, 30c.; 10 bricks, \$2.75; 100 bricks, \$25.00. Purchaser paying carriage.

"I have used 24 pounds of your Pure Culture Mushroom Spawn, and have been very successful—extra good results."

R. E. FLOOD, Orange, N. J.

"I bought some Mushroom Spawn, American Pure Culture, from you last year and although it was my first attempt I had great success with it, raising over two pounds to a foot of space."

J. R. HALSTEAD, New Brunswick, N. J.

"The American Pure Culture Mushroom recently purchased from you has started to show buttons all over the bed. It looks as if I am going to have as good luck with Mushrooms by using your Spawn as I have by using your seeds for the garden."

H. BARTHOLOMEW, Rockefeller, Ill.

"Last year I purchased a small amount of your good Spawn, American Pure Culture, and had splendid luck with it. On 88 square feet I raised 125 pounds of fine Mushrooms which were of splendid flavor and color. My success has inspired me to try again on a larger scale."

Mrs. C. B. RUSSELL, Paterson, N. J.

English Mushroom Spawn

This is the kind that has been in constant use for years and is still preferred by many. In order to insure its freshness we make frequent importations, and we can confidently recommend our stock. Use in same quantity as "American Pure Culture" described adjoining. Price per brick, 25c.; 10 bricks, \$2.25; 100 bricks, \$20.00. Purchaser paying carriage.

"Some time ago I bought several pounds of Mushroom Spawn from you, which I planted in beds of 150 square feet. Now I gather daily the best and largest Mushrooms I have ever seen. They are perfect in appearance and fine in taste."

EWALD H. KRAFT,

44 Hancock St., Little Falls, N. Y.



"I purchased American Pure Culture Mushroom Spawn from you on March 1st, and picked the Mushrooms in the above photo on May 24th. I had some that weighed over $\frac{1}{4}$ lb. each. Yesterday, the 5th of June, I picked a mess, and there are fully 100 buttons on the bed now. All this from a bed in the cellar, size 2x8 feet."

J. A. COOK, Marshalltown, Iowa.

Okra or Gumbo

A most popular Southern vegetable. It is quite easy to grow, and it succeeds just as well in the North. The pods when young and tender are sliced and used in soups and stews. WHITE VELVET HENDERSON'S. The best of the Okras, long, smooth, greenish-white pods, extremely tender, and very prolific. Price, 5c. pkt., 15c. oz., 50c. $\frac{1}{4}$ lb., \$1.50 lb.



ROCKY FORD

Henderson's "Thoroughbred" Rocky Ford Musk Melon

Some years ago a number of enterprising growers conceived the idea of growing Musk Melons for the Eastern markets in the region of Rocky Ford, Colo., using the variety Netted Gem. Their success was complete, for they have not only supplied the East with particularly good Melons just as the local supply declined but have so improved the original that the strain has been named "Rocky Ford."

The newer type is more rounded, the rib less prominent, and the outer surface of the fruit densely covered with delicate lace-like netting. The quality and rich aromatic flavor have also been greatly improved. The flesh is green, with a suggestion of pink at the seed cavity, which is peculiarly attractive. It is beautiful in appearance, delightful in flavor, and a general favorite with all. It is safe to say that no Melon has ever come into the New York markets which has sold so readily and at such high prices as the Rocky Ford, often to the exclusion of other varieties. Price, 5c. pkt., 20c. oz., 60c. $\frac{1}{4}$ lb., \$2.00 lb. (See engraving.)

"I have grown Henderson's Thoroughbred Rocky Ford Musk Melon seeds and raised the most delicious Melons I ever tasted."

CHARLES G. DE HUFF, Lebanon, Pa.

HENDERSON'S Sweetmeat Musk Melon

This Melon Has Phenomenally Thick Flesh, Remarkable Beauty of Netting, and Delicate Lasting Flavor.

The most exacting will be satisfied by the delicious quality of Sweetmeat Musk Melon, while its appearance exhibits all the refinement of form, color, and netting so necessary to a good Melon.

In appearance it is very similar to the rounder types of Rocky Ford. The netting is bold and well defined, which adds greatly to its appearance. The general color is soft russet-green. The ribs are faintly lined with a lighter shade and slightly depressed, giving an even surface to the fruit, which greatly enhances its appearance. It is about 5 inches in diameter, weighing about $2\frac{1}{4}$ lbs.

The shape is round, somewhat flattened. Its remarkably deep flesh, combined with the smallest possible seed cavity, give it the maximum of luscious flesh of fine texture. This merges into a pleasing salmon shade at the inner edge, and it possesses all the luscious flavor of the very best varieties. (See engraving). Price, 10c. pkt., 3 pkts. for 25c., 50c. oz., \$1.50 $\frac{1}{4}$ lb.

"I wish to express the pleasure and satisfaction I got, in following the directions of your leaflet for starting Melons on sod. Last year was the first in which we had a bountiful supply of most luscious fruit."

Jan. 26th.

MYRON S. TELLER, Kingston, N. Y.



SWEETMEAT

HENDERSON'S

Early Hackensack Musk Melon

A large green-fleshed variety, round, slightly flattened from the stem to the blossom end, very deeply and broadly ribbed, with bold, strongly defined netting. The flesh is very thick, rich in appearance and delightful in flavor. This type of Melon (once almost entirely superseded by the oval-shaped sorts) is rapidly coming into favor again.

It is a selection which we originated from the famous Hackensack many years ago, and is well worthy of more extensive cultivation. The fruits are not so large as the older sort, but weigh from 5 to 6 lbs. each. It is fit for use immediately after the very early sorts. Price, 10c. pkt., 20c. oz., 60c. $\frac{1}{4}$ lb., \$2.00 lb.

"I have been using Henderson's Early Hackensack Musk Melons for the past four years and have had very good results. The flavor is fine."

JOHN H. CALDWELL, Newburgh, N. Y.

"Melons are my hobby and I have tested for many years all the kinds sold in this country and also many European varieties. I find Henderson's Melting Sugar one of the very best in quality." L. W. GOODELL, Dwight, Mass.

"I wish to say that Henderson's Melting Sugar Musk is the best melon I have eaten."

WILLIAM M. HUNT, La Jolla, Cal.

"I had one vine of Melting Sugar Musk Melon that gave me a second crop."

EDWARD C. SHERMAN, Moriches, L. I.

HENDERSON'S

Melting Sugar Musk Melon

A boon to those who esteem quality primarily in a Musk Melon.

The fruits exhibit remarkable uniformity. They are 7 to 8 inches in length, and 4 to 5 inches in diameter. The netting is intricate and evenly distributed, which, contrasting with the rich olive-green ground color of the skin, produces a pleasing harmony in color. The ribs are shallow, and at maturity develop a lighter shade of green.

It is extremely prolific, and constantly so, and may be relied on to produce a satisfactory crop under normal conditions.

The flesh, while quite firm, has the pleasing quality of losing substance when eaten, so aptly described as melting. The flesh is so deep that the seed cavity is reduced to the smallest possible space; it is of a pleasing rich green color, fading to a well defined salmon shade towards the center.

The quality is superb. It is not merely sweet, but possesses that rich aromatic flavor known only in the best sorts. Price, 10c. pkt., 30c. oz., \$1.00 $\frac{1}{4}$ lb.

"Henderson's Melting Sugar Musk Melon is such a good one I must tell you about it. It measured 15x19 inches, and when cut we found $1\frac{1}{4}$ inches of solid heart, the sweetest we ever tasted. It is perfectly delicious and it cannot be beaten."

A. N. ENOS, Centralia, Wash.

The "Henderson" Bush Musk Melon

SHORT, VIGOROUS VINES. THE GEM OF THE SMALL GARDEN. A BUSH JENNY LIND.

Radically different from any existing kind. The bush character is attained by a shortening of the stem between the joints. There are just as many leaves on the plant as on other kinds, but these grow so compactly that the plant can be grown on one-half the space usually required. Notwithstanding its radical departure from existing types it is by no means a freak; its freedom from variation has been constant over the entire time of our observance of it.

The fruit is small, but fully equal in quality to the old and justly esteemed Jenny Lind, which is probably the best flavored of all green-fleshed sorts. They are produced in abundance, in fact we advise that each plant be allowed to ripen only about one-half of the fruit, as it is apt to bear too many.

It delights in a rich, preferably sandy, well manured soil, and responds favorably to frequent applications of water during drought. (See engraving.) Price, 10c. pkt., 3 pkts. for 25c., 50c. oz., \$1.50 $\frac{1}{4}$ lb.

"I have the people wild about the melons I grew from the 'Henderson' Bush Musk Melon. They are certainly a sight to see. In one bunch there are six piled up in a heap. They are thick all over the ground, and the vines are healthy and full of blossoms and if we get some rain there will be a great yield."

DUBOIS BRINCKERHOFF,

August 18th. Beacon, N. Y.

"I have grown Henderson's Bush Musk Melon for three years, and do not think it can be beaten. It is of vigorous growth, very productive, and excellent for table use."

Sept. 25th.

EDGAR F. HURFF, Mullica Hill, N. J.

"Henderson's Bush Musk Melons are very fine. The drought killed all my vine Musk Melons, but I did not lose a single one of the Bush variety. They averaged nine fruits to a hill of two and three plants. The quality cannot be beaten, there are none sweeter, and the plants are healthy and vigorous. I suggest that you emphasize their drought-resisting qualities, which are great."

LEO ZIETEN, Weimar, Texas.

"I think your Bush Musk Melons are great. I grew them last summer, and although there was not a drop of rain for 52 days during the growing season, they matured some fine Melons about 5 inches across, deliciously sweet-flavored."

GEORGE SIDAY, Sylvania, Ga.

"It may interest you to know that the Henderson Bush Musk Melon does excellently well in this part of the country. They proved superior to the Rocky Ford in my garden."

E. W. BROWN, De Land, Fla.

For complete list of Musk Melons see pages 70 and 71



MAIL YOUR ORDERS EARLY SAY IN JANUARY OR FEBRUARY. THERE IS A SHORTAGE IN MANY VARIETIES OF SEEDS, AND THE DEMAND WILL BE GREAT.

Henderson's Southport Globe Onions

Perfect Keepers. Delicious in Flavor. Perfect Globe-Shape. Large, Heavy and Solid

There are no Onions to compare with the famous Connecticut product, long known as the Southport Globe Onions. They have been grown by the same families over a long period of years. One of our growers has supplied us with the same identical strains for over forty years.

In every respect they are excellent. The young plants provide delicious salad in spring. They may be used boiled or raw before maturity, or cured and kept through the winter and until the new crop is ready, thus supplying the table the year round with a wholesome, health-giving food.

The most severe test of an Onion is that which affects its keeping quality. In this respect the Southport Globe Onions are supreme. Years of selection, in which every bulb used for seed purposes has had to pass the critical eye of veteran experts, have had no uncertain effect on them and they are today, beyond doubt, the best of all Onions.

The difference in the respective sorts is mainly one of color. They have the same shape, which is almost oval, excepting that they are somewhat larger towards the base, and so thoroughly have the tops been bred that, when dried off, they disappear entirely, leaving a perfect symmetrical bulb, shapely proportionate, and quite devoid of neck, the presence of which not only mars the appearance, but is a serious menace to the keeping quality.

Henderson's Southport White Globe Onion

Viewed from every standpoint this is perhaps the best Onion of all for family use, for, while it is similar in some respects to the other Southport Globes, it is more attractive in appearance. The flesh when cooked is of a rich milky color, tender and of delicious flavor, and when eaten raw is the mildest of the three. (See engraving.) (Connecticut grown seed.) Price, 10c. pkt., 60c. oz., \$2.20 $\frac{1}{4}$ lb., \$3.00 lb.

Henderson's Southport Red Globe Onion

A most attractive variety of medium size, growing under ordinary conditions to a diameter of three inches. The outer skin is a rich purplish-red, and the flesh is faintly tinged with the same color. It is a little stronger than the white and yellow, and preferred by many for this reason. (See engraving.) (Connecticut grown seed.) Price, 10c. pkt., 50c. oz., \$1.70 $\frac{1}{4}$ lb., \$6.00 lb.

"We have the finest field of onions from your Southport Globe seed ever seen around here"

Mrs. ROBIN FORREST,
Pullman, Mich.

Henderson's Connecticut Grown Seed

Notwithstanding the fact that seed of the Southport Globe Onion is largely grown in California and sold at a lower price, we do not use it, as the crops grown from that seed are uniformly inferior in color, form and size. Not only in the U. S. but throughout the world our Connecticut grown Southport Globe Onions are acknowledged superior to any. Many of the most exacting specialists in Europe send to us annually for these stocks, frankly conceding their superiority.

Henderson's Southport Yellow Globe Onion

The very best strain of yellow Onion, the exterior color of which is generally esteemed. This color does not extend to the flesh, as in the red. It is mild in flavor and may be grown by anyone where Onions will grow, and is probably the best of all for general use. (See engraving.) (Connecticut grown seed.) Price, 10c. pkt., 60c. oz., \$2.20 $\frac{1}{4}$ lb., \$8.00 lb.

"The seeds I ordered in 1916 from you were fine. We raised very fine onions, the best I ever ate, so am sending an order for more of the same kind."

Jan. 25, 1917.

NEAL H. WARREN,
Flintville, Tenn.

"I took first prize on your Southport Globe Onion. They were the largest and finest onions grown in this part of the country."

March 10, 1917.

Mrs. M. F. KELLY,
Nesbit, Neb.

"I got 1,000 bushels to the acre of your Southport Yellow and Red Globe Onions. They were the finest I ever grew. I took first prize at the Minnesota State Fair in September just passed."

JOHN A. GANTZER,
Merriam Park, Minn.

Henderson's Superior Onion Sets

In private gardens the cultivation of the family supply of Onions from sets has much to recommend it. The amount of labor involved is less, the danger of loss from maggots and other insects is considerably reduced, the crop is surer to grow, and is ready for use weeks in advance of that grown from seed. On a small scale where the cost of sets is not a serious item, we urge customers to use them. In fact the ideal way is to use both sets and seed—the sets for use in the spring and summer, and seed to grow bulbs for winter keeping.

1 Quart to 40 Feet of Drill	Qt.	4 Qts.	Peck
White Portugal Onion Sets.	\$0.60	\$2.25	\$4.00
Red Wethersfield Onion Sets.	.55	2.00	3.50
Yellow Globe Danvers Onion Sets.	.55	2.00	3.50

Onion Sets we do not deliver free. Purchaser pays transportation. Onion sets weigh 1 lb. per quart. For Parcel Post Zone rates see page 1.

HENDERSON'S SUPERIOR Yellow Globe Danvers Onion

Attractive, Uniform Shape Mild, But Full Flavored
Quick to Mature Remarkably Good Keeper

This is one of the oldest American varieties, which takes its name from the town near which it was first grown, and has always been a general favorite. Its keeping quality is supremely good. With this exception it cannot be said to excel greatly in any one particular, but it is so constantly good in all respects, that it is fully equal to any, and is esteemed by many as the one best all around Onion, so that the majority of those who grow only one sort choose Yellow Globe Danvers. There is a considerable variation in the shape of this variety as offered by various houses—shapes that vary from flat to deep oval. We have consistently adhered to the original type, which, but for a slight depression from top to bottom, is a perfect sphere. The matter of tops has had close attention, and are so bred that at maturity they disappear entirely, leaving the bulbs quite without neck, clean, solid and good throughout. (See engraving.) Price, 5c. pkt., 50c. oz., \$1.85 $\frac{1}{4}$ lb., \$7.00 lb.



HENDERSON'S SUPERIOR LARGE

Red Wethersfield Onion

A Leading Variety in all Sections—Produces Enormous Onions
Clean, Solid and Heavy A Sure Cropper and Long Keeper

Those who prefer an Onion with an abundance of flavor and who consider the extremely mild varieties insipid, will be well satisfied with Wethersfield. Indeed for boiling purposes such highly flavored sorts are preferable, though they are generally considered less suitable for slicing in salads. This is a largely grown both for market and private use. It shapes up very quickly, insuring a good supply during the growing season, equal to the best. The exterior color is dark glossy red, and the flesh is faintly tinged with the same from the best bulbs, and cannot be excelled (See engraving.)

Price, 5c. pkt., 45c. oz., \$1.60 $\frac{1}{4}$ lb., \$6.00 lb.

Our leaflet "How to Grow Onions for Home and Market" sent free on request.



White Portugal or Silver Skin Onion

This is beyond doubt the very best Onion for general use during the spring, summer and autumn. We do not esteem it so highly for winter use, as it is excelled by other sorts for keeping purposes. But it is so excellent in every other respect that we urge every gardener to make a liberal sowing of White Portugal for continuous use, leaving the crops intended for keeping purposes intact. There are none that yield more delicious "scallions," or young plants for salad purposes, none which are more suited to boiling during the growing season, and none so generally esteemed for their mild, delightful flavor. Should there be any small bulbs left in the row at the end of the season they may be used for pickles. Always, under all conditions, it is appetizing and wholesome. (See engraving.) Price, 10c. pkt., 60c. oz., \$2.20 $\frac{1}{4}$ lb., \$8.00 lb.

"We like your White Portugal very much for a summer Onion. It grows quickly and is mild and tender either boiled or sliced."

Mrs. J. P. VORHEES, Plainfield, N. J.

"I received last year the First Prize for my Red Wethersfield Onions at our Agricultural Fair. I am planting 2 lbs. of your seed this year."

M. A. REAND, Norwalk, Conn.

"I like your stock of Large Wethersfield Onions better than any other. I feel confident when I plant as I know it will always produce a good safe crop."

JAS. BEASLY, Duluth, Minn.

"Your Red Wethersfield Onion is O.K. Can't be beat. I raised a big crop from little seed."

JNO. J. STEPHENS, 64 Buck St., Huntington, Ind.

"The Red Wethersfield Onion is well named as it matured early and kept splendidly."

L. W. KAYLOR, Napavine, Wash.

WE DELIVER FREE IN U. S. BY PARCEL POST OR EXPRESS AT OUR OPTION

Vegetable and Flower Seeds

by the pkt., oz. and quarter lb.

Also Lawn Grass Seeds

The Famous Prizetaker Onion

MAGNIFICENT IN SIZE—DELIGHTFULLY MILD IN FLAVOR—A MATCHLESS KEEPER

SUCCEEDS IN ALL SECTIONS OF THE U. S.

Prizetaker is at once the largest and most handsome of all American Onions, and is renowned everywhere. It is grown with great success in all sections of the country, and is one of the few vegetables that attain great size, and still retain perfect quality.

It grows as easily as any other sort, and can be used for all purposes—the young plants as salad; the half grown bulbs in early summer; and the perfect, mature Onion practically at all times, for it keeps so well that it may be used almost the year round.

It is esteemed not only in America, but in Europe. Soon after its introduction, it was exhibited in London, and in the keenest competition with the products of the most skilful growers, earned an "Award of Merit" from the Royal Horticultural Society of England.

Not only does it grow to a large size, but uniformly so. The shape is true globe, broad at the base, tapering sharply at the top.

It is so well bred that the tops dry down entirely when it ripens, leaving a clean, sound bulb, perfect in form, rich in color, and wonderfully solid. The outer skin is rather pale yellow, the flesh pure white throughout. It is extremely mild in flavor, very much esteemed for slicing, baking and boiling, in fact, in whatever way it is prepared, it is unsurpassed. (See engraving.) Price, 10c. pkt., 60c. oz., \$2.20 ¼ lb., \$8.00 lb.

For instructions for growing Onions, see our pamphlet "GARDEN CULTURE OF ROOT CROPS." Sent free if asked for.

WORDS OF PRAISE FOR PRIZETAKER ONION

"Prizetaker Onions from your seed just beat everything in this neighborhood March 9, 1917.
J. L. JOHNSON, Joppa, Md.

"I raised four bushels of fine Onions from one ounce of your seed on the Gr. Mountains, and it was wet and rainy all summer."
April 14, 1917. BELLE C. HOSLEY, Simonsville, Va.

"I advise you that I had splendid success with your Prizetaker Onion."
June 14, 1917. ALEX. W. BALL, Texarkana, Tex.

"I had a Prizetaker Onion last year from seed sown in the fall that weighed pounds, 1 ounce. My Onions look first prize at the fair."
J. B. RUPLE, Rifle Gardens & Greenhouses, Rifle, Colo.

"Just a line in regard to the quality of your seeds. Last season I raised some of your Prizetaker Onion Seed. The onion when full grown was the largest and finest flavored onion I have ever known."
Mr. ARTHUR T. BUTLER, 234 River Ave., Patchogue, L. I.

"We have the finest field of Prizetaker Onions around here from your seeds."
Mrs. ROBIN FORREST, Pullman, Mich.

"The Prizetaker is the best Onion I ever saw. It takes the prize at all of the Fairs."
MONTGOMERY MILLER, Lancaster, Wis.

"Last year I raised eight bushels of fine Prizetaker Onions on twelve rows of twenty-five feet. They were a pretty sight in the rows."
F. H. YORKE, M.D., Foosland, Ill.

"The Prizetaker and Yellow Globe Danvers Onions I grew from your seed took first prize at Conner County Fair."
Mrs. THOMAS JUDGE, Clarke Fork, Idaho.

"I had some Prizetaker Onions from the seed I bought from you last year at a contest on the 16th of March which took first prize."
S. J. MORGAN, Alger, Ohio.

Ailsa Craig Onion

This is one of the largest of the British sorts, and is used very extensively in private gardens both for ordinary use and for exhibition purposes. European Onions do not, as a rule, grow well in America until thoroughly acclimated. This variety has proved to be an exception, and has done well since its first appearance here. Grown from seed raised under our supervision, it has become one of the largest and most useful Onions. Gardeners frequently bring us very large specimens, grown for exhibition, five inches in diameter and weighing two pounds apiece.

The skin is dark straw color, the flesh pure white, very mild in flavor, and always quite tender.

We do not advise its use for keeping. Our Globe varieties and Prizetaker are better. Price, 25c. pkt., \$1.00 oz.

"We grow over five acres of onions. Got some of the Ailsa Craig Onion seed from you last year, and had the most wonderful onions seen in this part of the world. They won the first prize at the Minnesota State Fair."

J. L. MACKINTOSH,
Horticulturist,
Minnesota State Prison,
Stillwater, Minn.

Jan. 7, 1917.



BE PREPARED—Order Seeds in January or February. DON'T WAIT UNTIL YOU ARE READY TO PLANT

HENDERSON'S FAMOUS Prosperity Pea

The Earliest and Largest Highly Flavored Pea Grown May be on Your Table in the Latter Part of May

The pleasure one enjoys in anticipating the first pickings of delicious Peas is very quickly realized after planting Henderson's Prosperity. Until its introduction, the small podded sorts were all that could be had so early. While in many respects these are excellent, they are comparatively poor in flavor. The problem of good early Peas was finally and completely solved many years ago when we introduced Prosperity. This really remarkable variety still holds its place, quite unique among the numerous Peas on the market.

It is very gratifying to the grower to be able to supply the table with such delicious Peas as early as the first week in June. Some of our customers pick them as early as June 3d. Others have gathered Peas on May 26th, 55 days from the time of sowing.

The immense size of the pods, borne in such great profusion and so liberally filled, insures a bountiful supply at all times.

Prosperity should be planted a little thicker than other large-podded sorts, as the vine is single stemmed and consequently occupies less room than the heavier growing, branching varieties. This is really one of its valuable features, for its large crop is produced in a comparatively small space.

The vines are three feet high, pale green in color; the pods are borne singly and freely from top to bottom of the vine and contain from six to ten Peas of delicious quality, fully as large and as rich in flavor as the Telephone and weeks earlier.

Continuous, careful selection, patiently practised from year to year, has enabled us to keep our stock free from the small podded vines that are common to all the large sorts, so that Prosperity is now better than ever. (See engraving.) Price, 15c. pkt., 45c. pt., 80c. qt., \$3.00 for 4 qts., \$5.50 peck.

"Your Prosperity Pea is certainly a wonder."
March 13, 1917. CHARLES M. MOADINGER, Flushing, N. Y.

"Your Prosperity Peas last year were covered with fine pods filled with delicious peas."
Feb. 26, 1917. GEORGE H. LONGFORD, Salmon Arm, B. C.

"I have been perfectly delighted with your famous Prosperity Peas. It is just fun to pick such lovely peas and the yield is greater than from any other variety. We picked over 30 quarts from one short row and only 10 quarts from other kinds with same length rows."
July 29, 1917. Mrs. W. H. CRAWFORD, Stratford, Conn.

"The Prosperity Peas I purchased from you have been most successful."
July 27, 1917. Mrs. E. H. MOULD, S. Leavitt St., Chicago, Ill.

"From what I have seen I think Prosperity Pea is a wonder for sure. I shall have peas when others are thinking of it."
AUSTIN DENNING, Portsmouth, Ohio.

"I must tell you about my Prosperity Peas. They were planted in February during a warm spell. Then the ground froze, but by the 7th of April every pea had come through and by the 26th of May we had our first mess of green peas. Since then we have picked about 3½ bushels of them and the vines are still in blossom."
June 15, 1916. Mrs. J. H. MORELAND, Silver Spring, Md.

HENDERSON'S First-of-All Pea

The extreme earliness of First-of-All emphatically distinguishes it from all others. For forty years it has produced the earliest crop of this delicious vegetable, and is still doing so.

While it lacks the "marrow" flavor of the larger and later sorts, it has a sweetness peculiar to its class, and a flavor which is preferred by many. Anyway, First-of-All may be eaten and the crop removed while other sorts are maturing, for it has been so closely bred to produce its crop on time, that quite often the entire crop may be removed at one picking. The slim, 3-foot vines permit close planting; its hardness enables it to be planted as soon as frost leaves the ground. (See engraving.) Price 15c. pkt., 45c. pt., 80c. qt., \$3.00 for 4 qts., \$5.50 peck.

"This spring I purchased 6 bushels of Henderson's First-of-All Peas. They cover three acres of land and are simply wonderful. I have always had great success with these peas. At present they are a mass of blossoms and pods already set, and all I have counted contain seven peas."
July 1, 1917. BEULAH HICKMAN, Plainfield, N. J.

"The First-of-All Peas I got from you this year are something wonderful in bearing and flavor."
July 10, 1917. Mrs. W. R. SHULER, Robisonia, Pa.

"I purchased Henderson's First-of-All Peas on Good Friday. I returned to my two-acre place and trenched for peas April 10th, planting next day two rows and next day two rows of four rods in length. I have never picked such full pea pods. There are twelve pods on a vine. My first picking was on the 14th of July."
July 15, 1917. S. K. WARREN, New Hartford, Conn.

Our LEAFLET "The Cultivation of Peas," giving full Instructions for Growing, etc., is sent free if asked for.



MAIL YOUR ORDER EARLY AND FACILITATE SEED DISTRIBUTION. THE DEMAND WILL BE IMMENSE, AND THERE IS A SHORTAGE OF SOME VARIETIES

Heroine Pea

Heavy Cropper. Large Curved Pods. Delicious Marrow Flavor

When in England, one is struck with the particularly rich flavor of the Peas grown there. In that temperate climate they acquire a flavor rarely attained under our less favorable conditions.

But "Heroine" is so constituted that it flourishes in our hot summers and retains its native flavor, so that with this variety one may rival the British product. We can give it no stronger recommendation.

It is 2½ feet high and bears an abundant crop of large, well-filled pods at the height of the season. (See engraving.) Price, 15c. pkt., 45c. pt., 80c. qt., \$3.00 for 4 qts., \$5.50 peck.

"This is the first year I have grown your Heroine Pea and I think it is a wonder. Miss Rich asked me to send them some nice peas for some special occasion. I sent the Heroine, and I was sent for to give them the name of the Peas—they were so relished. They do well as a second crop and are long-bearing."

HENRY KENWARD, Stamford, Conn.

Improved Stratagem Pea

A Large-Podded Semi-Dwarf Variety

The Improved Stratagem Pea is a mid-season variety and has been developed from a well known English Pea, upon which it is a great improvement. It comes true to form and is one of the best large-podded peas in cultivation. The vines, which grow usually to a height of 2 to 2½ feet, branch out into two stems at the surface of the soil, both branches being of equal vigor. These bear a great quantity of immense pods measuring nearly 5½ inches in length, and closely filled with from eight to ten large wrinkled peas of rich flavor. It is a favorite variety for private use. (See engraving.) Price, 10c. pkt., 35c. pt., 60c. qt., \$2.30 for 4 qts., \$4.50 peck.



Nott's Excelsior Pea

Early, Big Cropper,
Extra-Fine Quality

A distinctly American production of remarkably vigorous constitution; enormously productive, and generally excellent. The pods are of good size, produced liberally, and are extremely well filled with excellent Peas of perfect quality. The plant is among the smallest, very rarely exceeding 15 inches in height, and is easily grown. It still is, and long will be, extremely popular. Many people who have only small gardens use this sort exclusively, making repeated sowings for successive crops. (See engraving.) Price, 15c. pkt., 45c. pt., 80c. qt., \$3.00 for 4 qts., \$5.50 peck.

"I want to tell you that your Nott's Excelsior Peas are very wonderful. They taste sweeter and richer than any I have ever eaten before, and they are very productive."

Mrs. E. H. MORRIS,

June 25, 1917.

Terre Haute, Ind.



TELEPHONE PEA

The Standard Large Podded Late Pea. Delicious Quality. Enormous Pods

One of the oldest varieties grown. It has been on the market for nearly forty years and is better today than ever before. The plant is about 5 feet high and bears a heavy crop of enormous pods well filled with large Peas of delicious quality, rich in flavor, tender in quality and most attractive in appearance. The vines, while tall, are not heavy and require but little support. (See engraving.) Price, 10c. pkt., 35c. pt., 60c. qt., \$2.30 for 4 qts., \$4.50 peck.

"When it comes to growing garden peas Supervisor J. W. Swenson of the P. R. R., Georgetown, Del., takes the prize. He showed us a lot on Monday which measured over four inches in length and seven-eighths of an inch wide, each pod containing from eight to ten peas. Mr. Swenson said they are known as Henderson's Telephone Peas and that his vines are very full."

THOMAS LAXTON PEA

An extra early wrinkled "marrow" of excellent quality, and a valuable addition to the very early varieties. It is 3 feet high, and somewhat more vigorous in habit than Prosperity. The pods are medium to large, blunt ended and filled to the tip with large Peas of true, rich, "marrow" flavor. Its strong vine and heavy cropping character make it very suitable for an early crop in the private garden. It may be used to great advantage as an immediate successor to Prosperity. If sown together, Thomas Laxton will be in full production just as the crop of Prosperity is diminishing. Price, 15c. pkt., 45c. pt., 80c. qt., \$3.00 for 4 qts., \$5.50 peck.

ADVANCER PEA

Wonderfully Prolific, Exceptionally Good Flavor

Many claim that Advancer is equal in flavor to Champion of England; indeed it is sometimes named Dwarf Champion. The plant is 2½ feet high, extremely vigorous and is noted particularly for the enormous number of pods produced on each vine—no variety excels it in this respect. The pods are small, but the Peas so densely packed therein that the yield per plant exceeds that of many of the larger podded sorts. It is one of the few English varieties that has become perfectly adapted to American conditions. Price, 15c. pkt., 35c. pt., 60c. qt., \$2.30 for 4 qts., \$4.50 peck.



ALDERMAN PEA

Enormous Pods Filled with Perfect Peas

One of the best main crop varieties, extremely vigorous and producing a large crop of long, dark green pods packed with green wrinkled Peas of the largest size and of unsurpassed quality. The rich color and fine appearance is retained for several days. Height, 5 feet. Price, 10c. pkt., 35c. pt., 60c. qt., \$2.30 for 4 qts., \$4.50 peck.

PREMIUM GEM PEA

Premium Gem Pea is really an improved McLean's Little Gem. It is a variety which should be grown in every garden, as it has many desirable qualities. The pods which are borne in great profusion are of medium size, measuring three inches in length, and they are closely filled with six to eight large peas of excellent flavor. The vine attains a height of fifteen to eighteen inches and is of strong, luxuriant growth. The seed is green, wrinkled and sometimes rather flattened in shape. Price, 10c. pkt., 35c. pt., 60c. qt., \$2.30 for 4 qts., \$4.50 peck.

HENDERSON'S Succession Collections of 4 BEST TALL and 4 BEST DWARF PEAS

Either Collection Gives a Continuous Supply of Delicious Marrow Peas Throughout the Summer

The varieties composing these collections have been selected as the best of the true and tried wrinkled Peas of superior quality for home use, including extra early, medium, main crop and lato varieties, so that a continuous supply of luscious peas can be had from the successively maturing sorts for several weeks.

HENDERSON'S SUCCESSION COLLECTION

OF 4 BEST TALL PEAS

Comprises the following:

Prosperity, for early.....see page 51
Heroine, for medium.....see page 52
Telephone, for main crop.....see above
Champion of England, for late.....see page 54

OF 4 BEST DWARF PEAS

Comprises the following:

Premium Gem, for extra early.....see above
Nott's Excelsior, for early.....see page 52
Juno, for midseason.....see page 52
Advancer, for main crop.....see above

PRICES (state whether Tall or Dwarf is wanted)

1 pkt. each of 4 sorts, enough for 50 feet of drill, delivered free in U. S. . . . \$0.45
1 pt. each of 4 sorts, enough for 200 feet of drill, buyer paying transit. . . . 1.40
1 qt. each of 4 sorts, enough for 400 feet of drill, buyer paying transit. . . . 2.50



Purchaser Pays Transportation on Peas, Beans and Corn in Pints or Over. If wanted by Parcel Post see zone rates on page 1. Postal weight of Peas 1 lb. per pint

AMERICAN CHAMPION



"I send you herewith a photo of Henderson's American Champion Peas grown by me this season. The vines were six feet high and loaded with enormous pods."
W. B. CHANT,
Port Jervis, N. Y.

THE TWO CHAMPIONS

HENDERSON'S

American Champion

Enormous
Pods Packed
with Peas.

Pea

Unsurpassed
Quality. Rich Color.
Fine Flavor.

American Champion is one of the very best selections of the Telephone type. We have offered this variety for many years, and it has always given thorough satisfaction, particularly in the private garden.

The varieties of this class are all distinguished by their extra large pods, which are always liberally filled with Peas of great size and of particularly good flavor. It does not come into use until near the end of the season, and, as it grows from 4 to 5 feet high, the vines need some support, but it well repays both the waiting and the extra labor, for, properly cared for, it bears an extremely bountiful crop of the most delicious Peas. (See engraving.) Price, 10c. pkt., 35c. pt., 60c. qt., \$2.30 for 4 qts., \$4.50 peck.

"Enclosed I send you a photo of Henderson's American Champion Peas I have grown this season. These peas are wonders in size and crop, and I sell them by the bushel right on the spot. Every vegetable grower around here (and there are many of them) says that no better or more productive crop was ever raised in this section. I am very thankful for the good seeds you sold me. They have broken the record in this section. I am picking them this week (June 16th)."
CAMILLE WEYN,
Chester, Orange Co., N. Y.

"Your Pea seeds were very satisfactory indeed. I raised American Champion Peas seven feet high this summer."
C. E. MALLETT, Horse Shoe, N. C.

"The American Champion Peas you sent me last year were the finest we ever raised."
Mrs. I. N. BORMAN, Upper Sandusky, O.

Champion of England Pea

The Best Flavored of All Peas. Provides Delicious Peas until cut down by Frost

This old favorite rightly maintains its prominent place on account of its distinctly superb quality. The heavy vines, height 5 feet, to mature, and as a farewell to the Pea season, furnishes the table with a bountiful supply of immense wrinkled Peas that are noted for their tenderness and rich marrow-like flavor. The pods are medium in size, but are produced in abundance and are always well filled. It is ready to use early in July, a period of great heat. To protect from heat and drought, make a trench on each side of the row, soak thoroughly, and when drained, fill with dry soil. Cover with a mulch of loose manure, avoiding too close contact with the vines. (See engraving.) Price, 10c. pkt., 35c. pt., 60c. qt., \$2.30 for 4 qts., \$4.50 peck.

"Your seed has been very satisfactory this summer. Raised Champion of England Peas 7 feet high."
C. E. MALLETT, Horse Shoe, N. H.

"We have had very satisfactory results from your seed and especially the Champion of England Peas."
J. B. SHAPLEIGH, St. Louis, Mo.

For complete list of Peas
see pages 72 and 73.

"I picked Champion of England Peas that I bought from you last year 7 feet from the ground. We have delicious peas until frost."

GEO. E. HOBBS,
Stonybrook,
Mass.

CHAMPION OF ENGLAND



"Enclosed find snap-shot of Henderson's Champion of England Peas grown by me at the General Hospital garden last season. The vines were over six feet high and loaded with pods full of richly flavored peas."
GEO. W. MORREY,
Golden, B. C.

Henderson's Emerald Parsley

A distinct variety of robust growth, freely furnished with short-stemmed leaves, very finely cut and most beautifully curled, making a compact and extremely graceful plant. Most varieties of Parsley are dark green; but, as its name implies, Emerald is brilliant emerald-green in color and therefore more highly esteemed by many for decorative and garnishing purposes.

It is equally aromatic both in odor and flavor, and produces its attractive foliage in abundance. (See engraving.) Price, 10c. pkt., 25c. oz., 80c. ¼ lb., \$3.00 lb.

"Your Emerald Parsley is the most beautiful of all the varieties of Parsley I have cultivated."
Miss S. THOMAS, Terrace Place, Nashville, Tenn.

Ruby King Pepper

One of the most popular large fruited Peppers; bearing a liberal crop of large ruby red fruits, 5 to 6 inches long by 3 to 4 inches in diameter; flesh exceedingly thick, sweet and mild. It is a favorite sort for use as salad, stuffing, etc. Price, 15c. pkt., \$1.00 oz.

Sweet Mountain Pepper

OR IMPROVED BULL NOSE

The Bell or Bull Nose Pepper has long been a favorite. This improved variety is thicker-fleshed and more regular shaped than Bull Nose. It is mild flavored and free from pungency while green and may be eaten out of hand like fruit. Served in slices or as salad cut up with Cabbage they are pleasantly appetizing; while stuffed as "Mangoes" and for pickling green this Sweet Mountain Pepper is unsurpassed. Fruit bright red when ripe. Price, 15c. pkt., \$1.00 oz.



HENDERSON'S EMERALD PARSLEY

Henderson's Baby Bell Pepper

THE EARLIEST SWEET PEPPER GROWN
PERFECT FOR THE PRIVATE GARDEN

This really remarkable little Pepper is particularly well suited to the private garden, having several qualities which are ideal for that purpose. The plants are remarkably small and compact, so that they may be planted as close as one foot apart in the rows. It is extremely early, in fact, the earliest of all the sweet Peppers, yet the fruits are of good size, amply large enough for general use. They are borne in great profusion close to the center of the plant. The fruits are most attractive in appearance, the color is a brilliant, vivid, waxy scarlet, and the flavor is remarkably pleasing, delightfully piquant, and quite free from pungency.

It bears a large crop, and so continuously, that if the early fruits are plucked and used when green, the plants will continue to yield bountifully, and produce a heavy crop of ripe fruits later in the season. It is also a little more rugged than many sorts, so that it will succeed in a less favorable soil than is ordinarily required, and is decidedly more resistant to unfavorable weather conditions. (See engraving.) Price, 15c. pkt. 4 pkts., 50c., \$1.00 oz.

"Henderson's Baby Bell Pepper proved most desirable. The plants were dwarf and very thrifty and productive, ripening their fruits early and producing until frost. The fruit is a little smaller than the old Bell, but very attractive on account of its very brilliant red color when ripe. Baby Bell was invariably sweet, there being no hot flavor in it."
(Copied from Market Growers Journal.)

F. E. ASPINWALL.

"The Baby Bell Peppers are great. We like them very much."
FRANK X. FREBIS, Georgetown, Ohio.

Large Bell or Bull Nose Pepper

A large early bright red variety with thick flesh of mild flavor.

It is a favorite for stuffing when green and is also used in salads. The plants grow to a height of about two feet, are very vigorous in growth, of compact form, and are remarkably productive. When the fruits are young, the color is dark green gradually changing to bright red.

Price 15c. pkt., \$1.00 oz.



BABY BELL PEPPER

MAIL YOUR ORDERS in January or February

The Seeds will keep with you, as well as with us, and you will avoid possible delay due to overtaxed transportation facilities.



HENDERSON'S

Bovee Potato

A Marvel in Earliness! The Earliest of all
A Marvel in Yield! Outyielding all of the Earlys
A Marvel in Uniform Size and Perfect Shape

It is not only early, but produces its crop in great abundance, and yields a very large percentage of perfectly formed tubers. The cultivator can be used to better advantage on a crop of Bovee than any other sort, owing to the short and compact growth of the vines, and its habit of setting the entire crop close in the hill.

Bovee, perhaps more than any other sort, delights in a rich soil, responding more generously to good treatment; given the proper soil conditions, frequent and thorough cultivation and fairly good climatic conditions, it will yield an abundance of medium sized Potatoes of perfect shape and remarkably good quality. (See engraving.) Price, \$1.75 peck, \$6.00 bushel, \$12.00 barrel of 165 pounds net weight. By express or freight at purchaser's expense.



HENDERSON'S Hollow Crown Parsnip

Our selection of this highly esteemed variety is surely the best for the private garden. We have discarded all the types with slim, long roots that invariably break in digging, and offer only a shapely, heavy-shouldered strain with its greatest girth at the crown and gradually tapering to a small root. This is easily dug, and is suited to a greater variety of soils than any. To secure best results deep digging is essential, and the soil should be free from stone and well cultivated.

For winter use lay the roots horizontally in small boxes packed with ordinary garden soil, and store them in some convenient place outdoors away from snow and rain. Bring in a box as needed, thawing them out slowly in a moderate temperature. Frost improves their quality. (See engraving.) Price, 5c. pkt., 20c. oz., 60c. 1/4 lb., \$2.00 lb.

"By cultivating my rows of Hollow Crown Parsnips three times a week, I harvested 20 lbs. of parsnips to the square yard; at this rate one acre would produce 48 and 2-5 tons. This seems unbelievable but I have the goods to show. I got also three bushels of potatoes to the square rod."

WILLIAM DURHAM, 1st Nat. Bank Bldg., Cincinnati, Ohio.

"I have grown Henderson's Hollow Crown Parsnips for five years now with great success. They have always turned out to be of great size and splendid flavor. I have had many 14 to 15 inches around and 24 inches long."

H. BARNESLEY, Havemeyer St., Corona, L. I.

"Henderson's Bovee Potatoes I planted this spring yielded more potatoes than any others raised around here. The Green Mountain Potatoes were also very good."

E. F. HELBLING,
Fort Smith, Ark.

July 19, 1917.

"Having had such splendid results from the last lot of your Early Bovee Potatoes, I have decided to plant them again this year."

Mrs. AGNES PATTERSON,

Forest Lodge,

April 2, 1917.

Northville,
Conn.

Irish Cobbler Potato

A fine, early variety, producing large handsome tubers, uniform in shape and size.

The flesh is white, and of excellent quality; the skin very light brown, with whitish netting. It is a heavy cropper. (See engraving.) Price, \$1.60 peck, \$5.50 bushel, \$11.00 barrel of 165 pounds net weight. By express or freight at purchaser's expense.

"Last year I wrote you about Potatoes, and you sent me Irish Cobbler. I am pleased to state that they were a great success. Now I would like to get equally good results this year."

Feb. 27, 1917.

LUCILLA SHERWOOD,

Haverstraw, N. Y.

Prices of POTATOES are subject to market fluctuations, and to change without notice.

Prices of Seed Potatoes are subject to market fluctuations and change without notice.

Sir Walter Raleigh Potato

Sir Walter Raleigh is one of the best varieties for a main crop, and is admirably adapted to general cultivation. The vines are of average size, but so vigorous that they stand erect long enough to allow necessary cultivation. It produces an extremely large crop of round, slightly flattened tubers, smooth, white skinned, and very attractive in appearance.

Its remarkably good quality is greatly improved when properly stored in a cool, dry cellar. When cooked it breaks up thoroughly, presenting a flaky, snowy appearance, at once appetizing and indicative of its superior flavor. (See engraving.) Price, \$1.60 peck, \$5.50 bushel, \$11.00 barrel of 165 pounds net weight. By express or freight at purchaser's expense.

Henderson's Early Puritan Potato

A valuable early sort, which produces a heavy crop of roundish-oval tubers of good average size. Both flesh and skin are white. The plant is strong and resists disease well. The flesh is of fine texture, and when cooked is dry, floury and full-flavored. Price, \$1.60 peck, \$5.50 bushel, \$11.00 barrel of 165 pounds net weight. By express or freight at purchaser's expense.

Henderson's Late Puritan Potato

One of the best large Potatoes. The tubers are rather long, white and smooth skinned. The vines are of medium length, robust in habit and very healthy, which ensures great freedom from disease and a thoroughly ripened crop. It is a sure and safe cropper and one of the best keepers in cultivation. The flesh is pure white, mealy and perfect in texture and of particularly good quality. Price, \$1.60 peck, \$5.50 bushel, \$11.00 barrel. By express or freight at purchaser's expense.

"The city editor stands a good chance to get a lot of potatoes free. He brought in to the News office, this morning, some of Henderson's early potatoes measuring six inches long and several inches in diameter. He said if anybody brought in any as good they could have the whole lot, but if not as good then all would go to him. So far they are mounting up, and it looks as if a deserving newspaper man is going to get a lot of potatoes."

June 22, 1917.

J. C. HANSON, Opelika, Ala.



THE HANDSOMEST POTATO GROWN. Uncle Sam Potato

Uncle Sam is a particularly fine potato with phenomenal cropping qualities. We believe it to be the heaviest yielding variety grown. On a loam or sandy soil it is a wonder in yield and quality. The crop averages remarkably regular in size and shape. Its appearance and superb quality when served satisfy the most fastidious, its flaky snow-white appearance gaining instant favor.

The tubers are oval shaped, with light russet skin, very even in outline and with shallow eyes. Its handsome appearance and perfect form always ensure a fancy price on the market. (See engraving.) Price, \$1.60 peck, \$5.50 bushel, \$11.00 barrel of 165 pounds net. By express or freight at purchaser's expense.

"About fifteen years ago I bought the Uncle Sam seed potatoes from you, and have found them to be very good indeed."

Feb. 2, 1917.

C. M. GLAZER, Cuba, Mo.

"I was very much pleased with results from your potato seed last year."

Jan. 18, 1917.

THOMAS J. MACNAMARA, Hilliard, Fla.

IMPROVED Green Mountain Potato

A reliable medium late Potato which is rapidly increasing in popularity—in fact, in some sections it has superseded all other main crop varieties. It seems to thrive in all soils and in all localities, making heavy, healthy vines, and yielding big crops of large, smooth, white skinned tubers of handsome flattish oval form. It cooks white, dry and mealy, and has a desirable flavor exclusively its own. It keeps well, and is not liable to scab or decay. Price, \$1.60 peck, \$5.50 bushel, \$11.00 barrel of 165 pounds net weight. By express or freight at purchaser's expense.

"The Green Mountain Potatoes I bought from you two years ago, gave far better results than Potatoes purchased from local dealers."

THOMAS F. GARRISON, Fairton, N. J.

"We got over five bushels of fine Potatoes from one peck of your Green Mountain Potato Seed last season." W. J. MICKLETHWAITE, Yukon, West Fla.

Purchaser Pays Freight or Express Charges on Seed Potatoes and Assumes Risk from Freezing or Heating. A Barrel Weighs 165 Lbs. Net.



THE COLLECTION OF Four Early Round Radishes

This comprises the four varieties offered above, viz.: White-Tipped Early Scarlet Turnip, Early White Turnip, Early Round Dark Red and Early Scarlet Turnip. We urge the purchase of this collection; it assures a pleasing contrast of color on the table. Price, 1 pkt. each, for 15c.; 1 oz. each, for 55c., $\frac{1}{4}$ lb. each, for \$2.10.

"I have hitherto ordered only one-half my radish seed from you, but you may now expect the full order for 15 lbs., with my general order hereafter. I find yours to be superior to all others." July 16th.

JOSEPH L. KITCHENER, Charles City, Iowa.

"Your White-Tipped Early Scarlet is the best tasting radish I ever ate, and certainly can be recommended to anyone with an epicurean taste for a vegetable of that kind."

M. A. VAN DER KLOOT, Constance Ave., Chicago, Ill.

Our New Booklet "GARDEN CULTURE OF ROOT CROPS" gives full instructions for growing Radishes. Sent free if asked for.



HENDERSON'S SELECTION OF The Best Small Round or Turnip Radishes

These small, round varieties are excellent for the private garden, and if grown as advised in our pamphlet will be tender, crisp, well flavored, and quite free from excessive pungency.

Sow thinly and when plants appear be sure they do not crowd each other. Do not allow Radishes to stand long before pulling as they become pithy quickly after maturity.

WHITE-TIPPED EARLY SCARLET TURNIP RADISH. For many years we have found this variety to be the most popular of all among private gardeners, and unsurpassed as a table Radish, where by reason of the strong contrasting colors of the root it makes a most attractive appearance. The flesh is crisp, white and tender, and extremely mild. (See engraving.) Price, 5c. pkt., 15c. oz., 55c. $\frac{1}{4}$ lb., \$2.00 lb.

EARLY WHITE TURNIP RADISH. Both flesh and skin of this variety are white throughout. The clear white skin has a peculiar waxy gloss which adds much to its attractiveness, especially when combined with the scarlet-rooted sorts. It is rather flat, grows quickly, is very tender, and extremely mild in flavor. (See engraving.) Price, 5c. pkt., 15c. oz., 55c. $\frac{1}{4}$ lb., \$2.00 lb.

EARLY ROUND DARK RED RADISH. The darkest colored of the round red varieties and an excellent sort for family use. The roots are round, the tops medium in size. The flesh is pure white, crisp and quite tender. (See engraving.) Price, 5c. pkt., 15c. oz., 55c. $\frac{1}{4}$ lb., \$2.00 lb.

EARLY SCARLET TURNIP RADISH. The popular standard variety and one of the best table radishes, being highly esteemed for its mild flavor. The skin is bright scarlet in color, and the flesh snow white. It is of medium size and a rapid grower. Price, 5c. pkt., 15c. oz., 55c. $\frac{1}{4}$ lb., \$2.00 lb.



Early Crimson Giant Radish

Double the size of any of the early turnip-shaped type. This variety develops to 5 and often 6 inches in circumference, weighing up to 1 ounce per root, or about four times the weight of similar sorts; but notwithstanding its immense size, does not get hollow or pithy, but keeps in condition a long time for such an early variety. The flesh remains sparkling white, solid, crisp and juicy and it is of the mildest flavor.

The root is almost globe-shaped, and is very bright crimson in color. It is an excellent variety for forcing, and is also much esteemed as an outdoor variety. Price, 10c. pkt., 15c. oz., 55c. $\frac{1}{4}$ lb., \$2.00 lb.

"The radishes grown from the seeds of Early Crimson Giant Radish purchased from you this season, are without exception the finest I ever raised."

June 11th.

J. CALVIN MEYER, Bellefonte, Pa.

"We are highly pleased with your White-Tipped Scarlet Turnip Radish. My gardener put some in at the same time as other radishes. To our surprise last night he pulled some of them and found them perfectly formed, which we had not expected from the small tops we saw."

May 6th.

HARRY RAYMOND, High Point, N. C.

SEND YOUR SEED ORDERS IN JANUARY OR FEBRUARY. There is a shortage in many sorts and the demand will be greater than ever.



Henderson's Rocket Radishes

A dish composed of these three Rockets presents a most attractive appearance when prepared for the table, and we advise everyone to grow some of each. In addition to their bright appearance, they are among the earliest varieties grown, and they mature at exactly the same time. For these reasons they are used very extensively for forcing, when they may be had in 21 days from sowing. They do equally well outdoors, but, in common with all Radishes, must be grown under conditions that induce rapid growth, for only then will they acquire proper flavor and crispness. They must be pulled just as soon as ready.

The Collection of 3 Rocket Radishes, 1 pkt. each for 25c.; 1 oz. each for 50c.; $\frac{1}{4}$ lb. each for \$1.90.

FOR OTHER VARIETIES OF RADISH SEE PAGE 74

Henderson's Long Season Spinach

Spinach sown in the late spring and summer has a most aggravating habit of going to seed just when it should be ready for use. Henderson's Long Season grows more slowly than others, but after attaining its growth will stay in that condition for a much longer time, so that with this variety there is nothing to hinder anyone from enjoying this delicious vegetable during the entire season.

This peculiar quality makes it ideal for a summer crop, a season in which most varieties suffer severely, but it is also extremely hardy. Sown in September and carried through the winter with slight protection, it will give a good supply early in spring.

The plant is small, with lustrous green leaves, which are short, broad, very thick, and of so great substance that they lose less bulk in cooking than any other. The leaf stems are very short, which so greatly reduces the size of the plant that it forms a compact, dense rosette, perfect in color and substance, and unequalled in flavor. It occupies less room than any other sort. (See engraving.) Price, 5c. pkt., 20c. oz., 70c. $\frac{1}{4}$ lb., \$2.50 lb.

ROUND-LEAVED OR Dutch Spinach

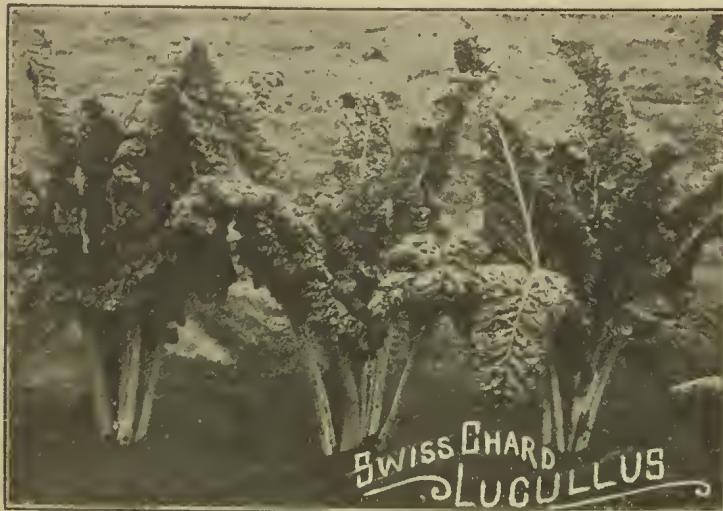
One of the oldest and best-known sorts for the early spring crop. It may be sown at intervals during April, from which very satisfactory crops may be had quite early in the season. It succeeds equally well as a fall crop, for which purpose it is sown during the first two weeks in August. The plants are very compact, the leaves thick and very tender. Price, 5c. pkt., 20c. oz., 70c. $\frac{1}{4}$ lb., \$2.50 lb.



WHITE-TIPPED ROCKET RADISH. This is the ideal first early Radish. The color is deep rose, tipped white at the base. The flavor is deliciously mild. (See engraving.) Price, 10c. pkt., 20c. oz., 70c. $\frac{1}{4}$ lb., \$2.50 lb.

WHITE ROCKET RADISH. A trifle larger than Red Rocket. It has an equally small top; the root is pure white, while the color of the flesh is clear waxy-white. (See engraving.) Price, 10c. pkt., 20c. oz., 70c. $\frac{1}{4}$ lb., \$2.50 lb.

RED ROCKET RADISH. This variety has a very small top, which permits close planting. It is quite smooth, deep scarlet in color. The flesh is crisp and of mild flavor. (See engraving.) Price, 10c. pkt., 20c. oz., 70c. $\frac{1}{4}$ lb., \$2.50 lb.



Mammoth Sandwich Island **SALSIFY** or Oyster Plant

Salsify is one of the best of our root vegetables, and is rapidly increasing in popularity. It is grown in the same way as the Parsnip, and if grown in well prepared soil, will produce large, smooth roots. Failing this, they are liable to fork. Cooked in any form, Salsify is wholesome, appetizing and nutritious. Its peculiar oyster-like flavor is most apparent when sliced and fried, it may also be served and eaten as Asparagus. It is one of the best remedies for various forms of indigestion. Most of its medicinal value is contained in the milk which exudes from the skin; the surface should therefore be broken as little as possible. This is best avoided by boiling whole, and peeling after cooking. (See engraving.) Price, 10c. pkt., 30c. oz., 85c. ¼ lb., \$3.00 lb.

"Now I have a beautiful crop of Mammoth Sandwich Island Salsify. Also some grand celery."

Mrs. RUTH C. WATKINS,
Dec. 28, 1916. Louisville, Ky.

delicious vegetable, and can be grown with the greatest ease. The outer leaves should either be cut close to the base of the plant or pulled off while still young in an outward and downward direction. It is held in great esteem by all Europeans, and is rapidly becoming popular in America. It is cooked and eaten the same as Spinach, and may be picked continuously from June until frost, because as the leaves are cut off other shoots are rapidly put forth.

This is the variety we have sold continuously for many years. It yields an abundant supply of delicious greens and should be in every garden. It is the one vegetable that is always ready for use. Price, 10c. pkt., 30c. oz., \$1.00 ¼ lb.



MAMMOTH BUSH SUMMER **Crookneck Squash**

A highly improved type of the popular Yellow Summer Crookneck. It is just as early, and the fruits are much larger, measuring 20 to 24 inches in length, are solid, heavy and freely produced on healthy, vigorous plants of compact bush habit; fruits heavily warted; surface color, deep golden; flesh yellow and of superior quality. (See engraving.) Price, 10c. pkt., 20c. oz., 70c. ¼ lb., \$2.50 lb.

"The Mammoth Bush Summer Crookneck Squash were the wonder and admiration of all the neighbors. They are certainly fine." CHARLES F. COMFORT,
Feb. 12, 1916. Moline, Ill.

HENDERSON'S LONG ISLAND

White Bush Squash

The white scalloped "Patty Pan" or "Cym-ling" has for years been a favorite summer Squash, on account of its earliness, etc., but this new sort is a vast improvement; it is just as early, more prolific, and the Squashes are much deeper, and have less prominent scallops, consequently are easier prepared, contain less waste and almost twice the amount of flesh, which is also of finer quality. The plants are of the true bush habit. (See engraving.) Price, 10c. pkt., 20c. oz., 70c. ¼ lb., \$2.50 lb.

"Henderson's Long Island White Bush Squash is a great success here. It has proved to be very prolific."

JAMES B. EVANS,
San Antonio, Texas.



MAMMOTH BUSH
SUMMER CROOKNECK

"We ordered our seeds from you last year and they were very satisfactory. We raised sixty-two Squash from seven hills and they were in the poorest part of the garden."

Mrs. W. F. DENT, Elmira, N. Y.

We Deliver Free in the U.S. to any Post Office or R. R. Express Office at our option all Vegetable, Flower and Lawn Grass Seeds except where otherwise noted



Henderson's Delicata Squash

For Both Summer and Winter Use. Dry, Sweet and Rich—Wonderfully Prolific

This beautiful Squash is orange-yellow, splashed and striped with dark green on the outside. Delicata is the earliest of any vine Squash and is so prolific that last season, from twelve hills of two plants each, 352 perfect Squashes were gathered.

Delicata is of such convenient size that the entire Squash can be used at one time, as it is just large enough for an ordinary family.

It is ready almost as soon as the early summer sorts, is better flavored, and remains in perfect condition as long as any keeping variety.

Its flavor when cooked has been compared to the Sweet Potato, others liken it to roasted chestnuts, but all agree that it is delicious. The fruits are about 9 inches long.

The flesh is thick, of fine texture, and pale yellow in color. It is unexcelled for baking—the shape and size make it perfect for this purpose—and none is better for pies. When boiled it is dry, granular and mealy. (See engraving.) Price, 10c. pkt., 30c. oz., \$1.00 ¼ lb.

"Henderson's Delicata Squash are delicious and the Hubbard is a good old standby."
Mrs. A. A. DEVOR, Amo, Colo.

"I gathered a wheelbarrow full of Henderson's Delicata Squash from two hills. The last one was eaten on February 15th, and was in as good condition as when picked."
H. M. VREEDENBURG, Muncy, Pa.

"I used Henderson's Delicata Squash last fall, and must pronounce it superior to all others in cooking quality and in flavor."
S. S. KIRBY, Cleveland, Ohio.

"Henderson's Delicata Baking Squash is truly wonderful. On one hill of five vines I raised 110 squash, delicious in flavor and dry and mealy when cooked."
Rev. J. M. REIMENSYDER, Trinity Lutheran Church, Milton, Pa.

"The Delicata Squash I got from you last season were very fine. I am very fond of squash, and I still have some in the cellar keeping fine."
DU BOIS BRINCKERHOFF, Beacon, N. Y.

"A neighbor of mine, who tasted Delicata Squash I raised, had his gardener remove the hills of other varieties to make room for Delicata."
MYRON S. TELLER, Kingston, N. Y.

Large Warted Hubbard Squash

Grow Warted Hubbard and Keep the Best Till Last

Everyone knows that Hubbard Squash is a good keeper. Warted Hubbard keeps even better, and is larger. It is named on account of its greater size, and the excessive rough "warted" surface of the fruits. This is of no value in itself, but heavy warts indicate a hard shell, and the harder the shell, so much the better will the Squash keep. The plant is vigorous, and bears a heavy crop. The quality is superb and the rich, fine-grained, yellow flesh almost fills the fruit. (See engraving.) Price, 10c. pkt., 25c. oz., 85c. ¼ lb., \$3.00 lb.

"I raised Henderson's Large Warted Hubbard Squash last year. It produced a fine crop, and I cut the last one on May 17th, this year, and it was in very good condition."
ALLEN T. GILBERT, Fairfax, Va.

"I used your seeds last season with fine results. I raised Warted Hubbard Squash that weighed 30 lbs. each."

HOMER H. DAMON, North Dana, Mass.

"We had the finest Hubbard Squash I ever saw from your seed last year."

Mrs. J. E. PALMER, Des Moines, Iowa.

HENDERSON'S SUPERIOR STRAIN Hubbard Squash

This is an old favorite and very popular. The vines are strong, of luxuriant growth and very productive, yielding large, heavy Squashes of dark bluish-green color. It is an excellent keeper and if properly stored may be used until May. Price, 5c. pkt., 20c. oz., 70c. ¼ lb., \$2.50 lb.



Our Leaflet, "How to Grow Pumpkins and Squashes," Sent Free if Asked for.

HELP YOURSELF AND HELP US by Mailing Your Orders in January or February. Avoid possible delay due to overtaxed transportation facilities.



Stone Tomato

Large, Regularly Shaped Fruit,
Flesh Firm, Skin Scarlet
A Good Shipper

This is one of the best and most popular main crop varieties. The plant is a strong grower, is very prolific, and produces a crop of large, smooth fruits almost round in shape, being very deep and slightly flattened at base and top. The color is an attractive, vivid scarlet. The skin is tough and the flesh unusually solid and firm, making it one of the best keeping and shipping varieties. The quality is unsurpassed for either cooking, canning or slicing, being meaty, firm and of excellent flavor.

Stone Tomato is one of the very best large fruited sorts grown for main crop. (See engraving.) Price, 5c. pkt., 30c. oz., \$1.10 $\frac{1}{4}$ lb., \$4.00 lb.

"Your Tomato (Stone) is all you claim for it and more. It is large, very prolific and has all the good qualities of a first class Tomato. It ripens evenly from top to stem."

JOSEPH
FITZGERALD,
Asylum, Miss.



LIVING-STON'S Globe Tomato

A Large Globe-Shaped Early Variety

A very popular variety with market gardeners, especially in the South. The short-jointed vines are vigorous and very productive. The tomatoes mature a little earlier than most main crop varieties. The fruit is borne in clusters, average large, though a little uneven in size and are nearly round or globe-shaped. Some a little elongated. They are smooth—ripen up thoroughly when they are of a glossy purplish rose color; flesh firm, has few seeds, and is of mild flavor. A good keeper and shipper. (See engraving.) Price, 10c. pkt., 40c. oz., \$1.40 $\frac{1}{4}$ lb., \$5.00 lb.



EARLY

Freedom Tomato

The Best Second Early Tomato in Existence

Freedom is an excellent variety for the family garden. It is not the earliest Tomato grown, although its first fruits ripen a few days after the very early and smaller fruited sorts, and from that time it bears continuously until frost. The fruits are of medium size, and are borne in ample clusters quite freely over the vine. They are brilliant scarlet in color, perfectly smooth and though the skin is extremely thin, they never crack, while the flavor is all that can be desired. (See engraving.) Price, 10c. pkt., 45c. oz., \$1.60 $\frac{1}{4}$ lb., \$6.00 lb.

"We are much in love with Early Freedom Tomatoes. They are as meaty as the large varieties and the yield is wonderful."
M. J. CHAPMAN,

Battle Creek, Mich.

"My Early Freedom Tomatoes are growing wonderfully well, they are filled with fruit."

A. B. LEES,

Madison, Conn.

"I grew your Early Freedom Tomatoes last year, and they sure were a wonder to my neighbors."

G. F. HARRISON,

Gallatin, Mo.

Henderson's Tenderloin Tomato

This variety is greatly esteemed by our customers on account of its remarkable solidity of flesh, its delicious flavor, and phenomenal cropping ability.

The vine is very robust, and of strong branching character, enabling it to produce and sustain a prodigious quantity of fruit, which is borne in clusters all over the vine. The individual fruits are quite large, almost round, very smooth and even in shape, and without any depression at the stem end, a common fault with many large-fruited sorts. The outer color is brilliant purplish-red, which extends clear to the stem. It is more solid, and heavier than any sort of equal size. No variety excels it in color of flesh; its rich blood-erimson permeates the heart of every fruit. (See engraving.) Price, 10c. pkt., \$1.00 oz., \$3.50 $\frac{1}{4}$ lb.

"In the writer's experience of ten years, which covers every Tomato listed by every seedsman of any prominence, I find that Henderson's Tenderloin Tomato is for slicing and home use the best of all. There is nothing that compares with it in my opinion. If I had to choose but one Tomato plant it would be the Tenderloin."

P. M. BUCKINGHAM, Barnwell, S. C.



Earliana Tomato THE EARLIEST TOMATO OF ALL

This is still the best extra early Tomato for the family garden, as it bears a very heavy crop quite early in the season. It has excellent flavor and is remarkably solid for an early sort. The very early sorts are not, as a rule, continuous bearing, so that a later variety should also be planted to insure a season's supply. (See engraving.) Price, 10c. pkt., 45c. oz., \$1.60 $\frac{1}{4}$ lb., \$6.00 lb.

"I want to praise your Earliana Tomato. I have raised them for ten years, last year on a stiff clay, and they succeeded finely."

Rev. D. C. SHALLIS, Tuscola, Mich.

Table Turnips

Turnips are easy to grow, but rarely do well in summer. The spring crop must be sown in this section before April 15th, so that it will mature before May 25th. Early turnips should be used when quite young in order to be tender. If they remain in the ground too long, they are liable to be both woody and strong flavored. Turnips grow best in the fall from seed sown from July 15th to July 25th. The varieties grown at this season remain in good condition all winter.

Early White Milan Turnip

An extra early variety of rapid growth with very small leaves. It is admirably adapted for spring and early summer planting, and if sown during the early spring will furnish a supply of the most tender and delicately flavored Turnips. The root is of small size, smooth, and ivory white both inside and out. The flesh is fine grained, tender, mild and sweet in flavor, and when grown quickly never becomes pithy or woody. It is greatly esteemed by all, and, in addition to the heavy crop assured by its adaptability for close planting, it is fit for use at least a week earlier than any other white variety in cultivation. (See engraving.) Price 10c. pkt., 35c. oz., \$1.20 $\frac{1}{4}$ lb., \$4.00 lb.



"Garden Culture of Root Crops," A New Booklet, sent free if requested.

MAIL YOUR ORDERS EARLY, say in January or February.

There is a shortage in many varieties of seeds, and the demand will be heavy.

HENDERSON'S
SELECTED TABLE TURNIPS—Cont.**Golden Ball** or "ORANGE
JELLY" TURNIP

A very distinct variety, and the finest yellow-fleshed sort for family use. It grows a very shapely bulb, medium in size, almost round, very smooth, and quite free from side roots. The skin is pale yellow, the flesh deep yellow throughout, and so fine in texture as to earn the name "Orange Jelly." Sown in July it gives a very satisfactory crop in early fall, but can be stored and used during the winter. (See engraving.) Price, 5c. pkt., 20c. oz., 70c. $\frac{1}{4}$ lb., \$2.50 lb.

**Ruta Baga** RUSSIAN or
SWEDISH TURNIP

Grows very rapidly, and yields from twenty-five to thirty-five tons per acre, in good, rich, deep soil, with proper cultivation. The Ruta Baga proper should be sown in this latitude from May 25th to June 25th. Sow 2 to 3 pounds per acre.

HENDERSON'S

Long Island Improved Ruta Baga

This is undoubtedly the finest variety of purple-top Ruta Baga and originated by one of our Long Island growers. It is twice the size of ordinary American stocks, and although size is usually got at the expense of quality, the quality is superior to any that we have tested, and it is perfectly hardy. In a fair test on several Long Island farms, alongside some of the best European and American varieties, it produced almost twice the weight per acre of any other variety.

Long Island Improved has been bred from the American Purple Top, over which it is a great improvement. It is very much larger, has no neck, and is a remarkably good keeper; the flesh is rich yellow, and of fine quality. (See engraving.) Price, 5c. pkt., 25c. oz., 85c. $\frac{1}{4}$ lb., \$3.00 lb.

"From one packet of L. I. Improved Ruta Baga I bought from you last season, I grew 700 lbs. weight. Some of the Ruta Bagas weighed 7 lbs. each." JOHN MORRISSEY.
May 10th. Henrietta, N. Y.

"Just before I retired from the market gardening business I raised in one season 3123 bushels of Henderson's Long Island Ruta Baga. They were the pride of the neighborhood."

CYRUS PICKETT, Cheshire, Conn.

GOLDEN BALL
TURNIPPURPLE TOP **White Globe Turnip**

A very large globe-shaped variety. The upper surface of the bulb is reddish purple, the lower part is white. It grows smooth, has a small root and medium sized tops. The flesh is pure white, crisp, very fine, and is one of the best sorts to store for winter. Recommended for fall crop. (See engraving.) Price, 5c. pkt., 20c. oz., 70c. $\frac{1}{4}$ lb., \$2.50 lb.

EARLY RED TOP

Strap Leaved Turnip

This is perhaps the most popular of all the quick-growing sorts, and may be used to good advantage for the early spring crop. It grows very rapidly under proper conditions, and in six weeks from sowing will produce a good crop of tender roots of mild and pleasing flavor. The leaves are short, the roots quite flat, the upper half reddish purple, the lower half white. The flesh is pure white, crisp and fine grained. Price 5c. pkt., 20c. oz., 70c. $\frac{1}{4}$ lb., \$2.50 lb.

THE HOME GARDENER should pay special attention to root crops on account of their keeping qualities. Our booklet "Garden Culture of Root Crops" sent free if requested when ordering.





Partial view of our Trial Grounds, Hudson Boulevard, Jersey City, N. J., and interior of one of our houses used for testing germination.

Henderson's Tested Vegetable Seeds Complete List

WE DELIVER FREE in the U. S. by PARCEL POST, or EXPRESS at our option

ALL VEGETABLE SEEDS BY THE PACKET, OUNCE AND ¼ POUND

Purchasers Pay Transportation on large quantities, unless otherwise provided (see page 1). When any of these quantities (that we do not deliver free) are wanted by Parcel Post, add postage according to Zone Rates printed on page 1.

POSTAL WEIGHT OF BEANS, PEAS AND CORN ONE POUND PER PINT.

ASPARAGUS SEED. (1 oz. to 60 feet of drill.)

Henderson's Palmetto. (See Specialties, page 8.) Superior to any other. (See engraving on this page.)

Pkt.	Oz.	¼ Lb.	Lb.
\$0.10	\$0.15	\$0.30	\$0.80

ASPARAGUS ROOTS. Can be supplied from Nov. 1st to May 1st, but the best time for planting in the North is in early spring. (Buyer paying transit.) (Cultural instructions free.)

Colossal. Two-year-old roots, \$1.00 per 100; \$8.00 per 1,000.

Palmetto. (See Specialties, page 8.) Two-year-old (buyer paying transit), \$1.50 per 100; \$12.00 per 1,000.

Palmetto. Three-year-old, \$2.50 per 100; \$20.00 per 1,000.

100 2-year-old Asparagus roots will weigh about 6 pounds. 100 3-year-old roots will weigh about 20 pounds. For Parcel Post Zone Rates see page 1.

BEANS. (1 quart to 100 feet of drill.)

Owing to a disastrous growing season the Bean crop was a very light one, some varieties having failed entirely. As a consequence prices are higher than usual, some we cannot quote.

DWARF or BUSH, GREEN PODDED.

Bountiful, Henderson's. (See Specialties, page 14.)

Black Valentine, Henderson's. Early, extra large, round, straight tender pods; enormous yield and also suitable for late planting. (See Specialties, page 14.)

Dwarf Horticultural. A bush variety of the popular Climbing Horticultural. A grand shell Bean.

Earliest Red Valentine, Henderson's. (See Specialties, page 14.)

Full Measure. This is the product of a cross between our famous Yosemite Mammoth Wax and Refugee or 1000 to 1, and inherits the good qualities of both. Pods 5 inches long.

round, firm, but tender, very meaty.

Longfellow, Henderson's. (See Specialties, page 14.)

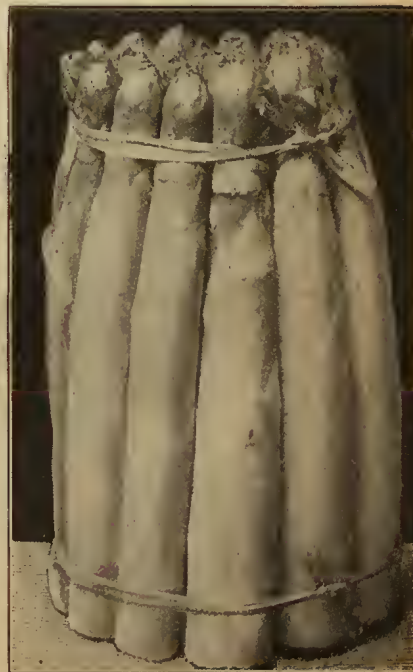
Refugee, or 1,000 to 1. A popular medium variety, very productive; extensively grown for pickling. (See Specialties, page 16.)

Refugee Extra-Early. (See Specialties, page 16.)

White Marrow. Popular shell Beans, ivory white. (Price on application.)

Boston Small Pea. White shell Bean. (Price on application.)

Pkt.	Pint	Quart	4 Qts.
\$0.15	\$0.45	\$0.80	\$3.00
.15	.45	.80	3.00
.15	.45	.80	3.00
.15	.45	.80	3.00
.15	.45	.80	3.00
.15	.45	.80	3.00
.15	.45	.80	3.00
.15	.45	.80	3.00
.15	.45	.80	3.00



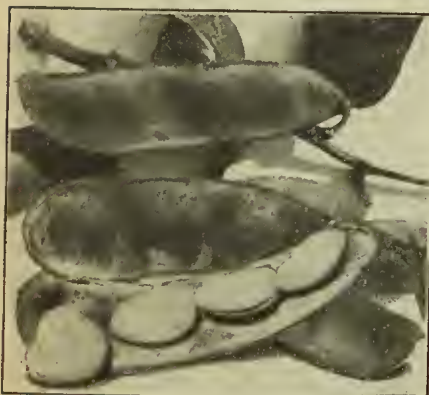
HENDERSON'S PALMETTO ASPARAGUS

Purchaser pays transportation on BEANS by the pint, quart, peck and bushel. If wanted by Parcel Post—postage must be added. See Zone Rates on page 1. Postal weight of Beans is 1 lb. per pint. Packets are delivered free.

Henderson's Vegetable Seeds Complete Tested List



REFUGEE WAX BEAN



"HENDERSON" BUSH LIMA BEAN



EARLY GOLDEN CLUSTER WAX BEAN

BEANS, DWARF WAX-PODDED or "BUTTER."

	Pkt.	Pint	Quart	4 Qts.	Peck
Black Wax, Henderson's Improved. (See Specialties, page 17.) ..	\$0.15	\$0.45	\$0.80	\$3.00	
Curries Rust-Proof Wax. The earliest, hardest and one of the most prolific of the flat wax-pod Beans, color golden yellow, pods long and straight..	.15	.45	.80	3.00	
Davis White Kidney Wax. Snap pods very uniform in size, flat, very long, color light yellow. Highly esteemed for shipping (Crop failure.)					
Flageolet Wax. Very early; pods flat, very long and tender. (Crop failure.)					
Golden-Eyed Wax. An early, vigorous variety, free from rust and blight, bearing tender, large, flat, waxy-golden pods. (Crop failure.)					
Golden Scimitar. (Crop failure.)					
Golden Wax Improved (See Specialties, page 17) .....	.15	.45	.80	3.00	
Hodson Long Pod Wax (See Specialties, page 17) .....	.15	.45	.80	3.00	
Refugee Wax. Possesses the valuable characteristics of the green-podded Refugee; is wax-podded and practically everbearing. Pods round, translucent yellow, remaining tender. A great drought and rust resister (See engraving.) .....	.15	.45	.80	3.00	
Unrivaled Wax. (Crop failure.)					
Wardwell's Kidney Wax. One of the best large podded wax Beans. Very robust and hardy, producing a heavy crop of showy, broad, long, flat wax pods, not liable to rust or blister. (Crop failure.)					
Yosemite Mammoth Wax, Henderson's A grand variety, yielding immense golden yellow, waxy pods, often 8 inches long; thick, meaty and absolutely stringless, cooking tender and delicious. It is a robust, growing sort, needing to be planted twice as far apart as ordinary bush Beans. Succeeds well on poor soils. (See Specialties, page 17) .....	.20	.75	1.40		

BEANS, BUSH LIMA.

Burpee's Bush Lima A bush form of the Large White Lima, growing about 20 inches high; the pods and Beans are nearly the same size as the latter. While not as early as the "Henderson," its large size commends it to many .....	.15	.60	1.00		
Dreer's Bush Lima A bush form of Dreer's Pole Lima. Beans thick, sweet and succulent, growing close together in the pods. Growth vigorous, about 18 inches high, with abundant foliage. Grows well even in dry seasons. (See Specialties, page 13.) ..	.15	.60	1.00		
Fordhook Bush Lima. The largest bush form of the popular "Potato" Lima. The plants often grow 20 inches in height, of true bush form; pods 4 to 5 inches long, contain 3 to 5 large, delicious Limas nearly as large again as the original type and is 4 to 6 days earlier, bearing freely throughout the season. (See Specialties, page 13) .....	.15	.60	1.00		
"Henderson" Bush Lima. The original—about 3 days earlier than the Improved—but pods and Beans are smaller. (See engraving.) .....	.15	.60	1.00		
Henderson's Early Giant Bush Lima. (See Specialties, page 13.) 2 pkts., 25c .....	.15	.60	1.00		
Improved "Henderson" Bush Lima. (See Specialties, page 10) ..	.15	.60	1.00		

SPECIAL OFFER. 1 pkt. each of the above 6 Bush Limas, delivered free in the U. S., for 75c.

BEANS, POLE LIMA.

Dreer's Improved Lima. A thick, almost round Bean of fine quality and a large yield; very early .....	.15	.45	.80	3.00	
Early Leviathan Lima, Henderson's. (See Specialties, page 9.) ..	.15	.45	.80	3.00	
Large White Lima. The old favorite, universally grown for both family and market use. The large, flat, kidney-shaped Beans, shelled either green or dried, are tender and delicious when cooked .....	.15	.45	.80	3.00	
New Ideal Lima, Henderson's. (See Specialties, page 9) .....	.15	.45	.80	3.00	

BEANS, CLIMBING or POLE. (1 quart to 150 hills.)

Early Golden Cluster Wax. Beginning in July, it produces abundantly until frost, large clusters of golden yellow pods 6 to 8 inches long, of delicious flavor. Valuable either as a shell or "snap." (See engraving.) .....	.20	.75	1.40		
Golden Champion, Henderson's. The leading wax podded pole Bean, very early and a great and continuous bearer of enormous, light yellow waxy pods, absolutely stringless, brittle and tender; a healthy grower, free from rust. (Crop failure.)					
Horticultural or Speckled Cranberry. An old, popular variety, useful either as a green podded "snap" Bean or when shelled in the dry state .....	.15	.45	.80	3.00	
Old Homestead. (See Specialties, page 16) .....	.15	.45	.80	3.00	
Scarlet Runner. An ornamental 10-foot vine, perfect for summer shade with dazzling scarlet flowers. The half-grown pods make perfect snaps, or may be used shelled .....	.15	.45	.80	3.00	
White Creaseback. One of the finest early pole Beans, bearing in profusion clusters of fleshy green pods, 5 to 6 inches long, deeply creased, perfectly stringless, tender and of superior quality; used as a "snap" Bean. The matured Beans are pure white and excellent shelled. (Crop failure.)					

BEET. (1 oz. to 50 feet of drill.)

	Pkt.	Oz.	¼ Lb.	Lb.
Crimson Globe. (See Specialties, page 18.)	\$0.10	\$0.35	\$1.20	\$4.00
Crosby's Egyptian. An improvement over Egyptian, being equally as early, larger and less flat, very uniform in size and shape, with small foliage. Flesh of excellent quality and of a distinct red slightly zoned. (See Specialties, page 18) .....	.10	.35	1.20	4.00
Detroit Dark Red. (See Specialties, page 18.) .....	.10	.35	1.20	4.00
Dewey's Improved Blood Turnip. Handsome, smooth and round, tapering at the base; color of flesh strongly zoned, of fine quality .....	.05	.25	.85	3.00

Henderson's
Tested

Vegetable Seeds

Complete
List

BEET.—Continued.

	Pkt.	Oz.	¼ Lb.	Lb.
Early Model. (See Specialties, page 18).....	\$.10	\$.40	\$1.40	\$5.00
Extra Early Egyptian. (See Specialties, page 20).....	.10	.40	1.40	5.00
Eclipse. (See Specialties, page 18.) (See engraving.).....	.10	.35	1.20	4.00
Edmand's. A handsome, uniform, round, Turnip-shaped Beet, very smooth and of good size; tops small, flesh red and of excellent quality; fine for late.....	.05	.25	.85	3.00
Electric. (See Specialties, page 18.).....	.10	.40	1.40	5.00
Early Blood Turnip, Henderson's. (See Specialties, page 20.).....	.10	.35	1.20	4.00
Half Long, Henderson's. A blood Beet of superior quality, tender, sweet and free from woody fibre; for slicing it is unequalled; flesh vivid rich red. The roots, about 3 inches in diameter, are pear-shaped with slender tap roots.....	.10	.25	.85	3.00
Long Smooth Blood-Red. An excellent late variety, being a great improvement on the common Long Blood and of intense dark red color..	.05	.25	.85	3.00
Swiss Chard Beet. (See Specialties, page 60.).....	.10	.30	1.00	
"Lucullus" Swiss Chard Beet. (See page 60.).....	.15	.60		
For Sugar Beet and Mangel Wurzel, see Farm Seed Department, page 85.				

BROCCOLI. White Cape. Medium sized, creamy white heads, similar but inferior to Cauliflower, though hardier.....

BRUSSELS SPROUTS. Dalkeith. (See Specialties, page 8.).....

CARDOON. Large Spanish. Large, fleshy-leaved plants, chiefly used as a winter vegetable. The blanched stalks and broad ribs of the inner leaves when properly cooked are tender and of an agreeable flavor....

CABBAGE. (1 oz. produces 2,000 plants.)

EXTRA-EARLY VARIETIES.

Charleston Wakefield, Henderson's. (See Specialties, page 25.).....	.10	.85	3.20	12.00
Early Jersey Wakefield, Henderson's. (See Specialties, page 25.).....	.10	.85	3.20	12.00
Early Market. (See Specialties, page 26.).....	.10	1.00	3.50	
Early Spring, Henderson's. (See Specialties, page 25.).....	.10	.50	1.60	6.00
Early Winnigstadt. An old, popular, medium early variety, with large, pyramidal heads of excellent quality; good to succeed the extra early.	.05	.85	3.00	
Early York. Very early, producing small, oval-shaped heads.....	.05	.50	1.60	6.00
St. John's Day Early Drumhead. Early, very dwarf; medium sized hard heads.....	.10	.85	3.20	12.00

SECOND-EARLY or SUMMER VARIETIES.

Early Summer, Henderson's. (See Specialties, page 26.).....	.10	.85	3.20	12.00
Fottler's Improved Brunswick. Heads large, flat and solid; a sure header, long-standing; short stem.....	.05	.50	1.60	6.00
Succession, Henderson's. (See Specialties, page 24.).....	.10	.85	3.20	12.00

LATE or WINTER VARIETIES.

Autumn King, Henderson's. (Crop failure.) (See engraving.).....	.10	.85	3.20	12.00
Holland or Danish Ball Head. (See Specialties, page 26.).....	.10	.85	3.20	12.00
Late Flat Dutch, Henderson's Selected. (See Specialties, page 27.).....	.10	.85	3.20	12.00
Premium Flat Dutch. A standard and excellent variety, developing earlier than most late sorts and not so good a winter keeper, but for fall use it is tender and of superior flavor. (See Specialties, page 27.).....	.05	.85	3.20	12.00

RED VARIETIES This class is esteemed for pickling, making slaw, etc.

Mammoth Rock Red. A large growing, select strain, producing very solid heads weighing 10 to 12 lbs. each; color, intense dark red.....	.10	1.00	3.50	
Red Dutch. A popular hard headed sort for pickling, etc. The best keeper; not extra large, but of excellent quality.....	.10	.85	3.00	

SAVOY VARIETY. The quality and flavor of this "Crumpled-Leaf" Cabbage is very superior; grown in fall and allowed to be touched by frost, it is sweet, delicate and most delicious.

American Drumhead Savoy. (See Specialties, page 27.).....

CHINESE CABBAGE or PE-TSAI. Distinct from the Cabbage of commerce. Somewhat resembling Cos Lettuce, in fact sometimes called Celery Lettuce. It can be eaten either as a salad or cooked like ordinary Cabbage. Culture same as late Cabbage. Sow seed in July.....

CARROT. (1 oz. for about 125 feet of drill.)

Carentan, Early Half Long Scarlet. A distinct, slender, cylindrical variety, with few and small leaves; skin glossy and smooth; flesh red and without core; quality extra fine. Excellent for forcing and frame culture. (Crop failure.).....	.10	.35	1.20	4.00
Chantenay Half Long Scarlet. (See Specialties, page 20.).....	.10	.35	1.20	4.00
Coreless, Henderson's. (Crop failure.).....	.10	.35	1.20	4.00
Danvers, Half-Long. (Henderson's Selected.) (See Specialties, page 20.).....	.10	.35	1.20	4.00
Early French Forcing. The earliest, and largely grown for forcing. Small, almost globular roots, orange-red in color.....	.10	.35	1.25	4.50
Early Scarlet Horn. A popular early variety, 3 to 4 inches long and blunt-rooted; it is a favorite for bunching for market. A fine table Carrot and when pulled young is excellent for soups.....	.05	.35	1.20	4.00
Half-Long Red, Stump-Rooted. A shapely stump-rooted variety, of medium size and one of the best for private gardens, for summer use; medium early. (See Specialties, page 19.).....	.05	.35	1.20	4.00
Intermediate, Henderson's (See Specialties, page 19.).....	.10	.35	1.20	4.00
Long Orange Improved. (See Specialties, page 19.).....	.05	.30	1.00	3.00
New York Market, Henderson's. Handsome and symmetrical, of bright orange color, flesh crisp, tender and sweet, almost coreless, and unexcelled for private use or for bunching. (See engraving.).....	.10	.35	1.20	4.00
Oxheart, or Guerande. (See Specialties, page 19.).....	.10	.35	1.20	4.00
Whits and Yellow Belgian. (See Field Carrots, page 85.).....	.05	.20	.60	2.00



ECLIPSE BEET



HENDERSON'S AUTUMN KING CABBAGE



HENDERSON'S NEW YORK MARKET CARROT

Henderson's Tested Vegetable Seeds Complete List



EXTRA-EARLY DWARF ERFURT CAULIFLOWER



GIANT WHITE SOLID CELERY



HENDERSON'S DWARF WHITE CELERY



CORY EARLY RED COB SWEET CORN

CAULIFLOWER. Cultural instructions free to customers when requested.

(1 oz. for 2,000 plants.)

Snowball, Henderson's. (See Specialties, page 23.)	\$.25	\$4.50	\$15.00	
Extra-Early Dwarf Erfurt. Until we introduced Snowball this was considered the best early variety; plants dwarf and compact, forming good-sized heads; fine for open ground fall crop. (See engraving.)	.20	4.00	14.00	
Extra-Early Paris. Heads uniform and of medium size.	.10	1.20	4.00	
Large Late Algiers. A strong growing variety for late fall use, producing large fine heads.	.10	.75	2.50	
Autumn Giant. A large growing late variety. Succeeding well in southern climates.	.10	.75	2.50	

CELERY. (1 oz. for 3,000 plants.)

EARLY SELF-BLANCHING VARIETIES. These grow quickly, blanch easily and are especially adapted for fall and early winter use.

Golden Rose, Henderson's. A pink form of the Golden Self-Blanching, of the same strong, stocky habit, hardy, early and easily blanched. The stalks are broad, solid, heavy and positively brittle, free from ridges and stringiness, to which merits must be added its beautiful coloring, golden-yellow, suffused with a warm rosy hue. It is a good keeper and of superior quality.	.20	3.00		
Golden Self-Blanching. (See Specialties, page 28.)	.15	1.75	6.00	\$20.00
Silver Self-Blanching, Henderson's. (See Specialties, page 28.)	.15	1.25	4.00	
White Plume, Henderson's Perfected. (See Specialties, page 30.)	.10	.75	2.00	7.00

SECOND-EARLY, LONG-KEEPING AND WINTER VARIETIES.

Boston Market. Solid half-round green stalks, blanching white; crisp and tender; habit dwarf and robust.

Flavoring Celery. (Old Seed.) Excellent for flavoring soups, etc.

Giant Pascal. A desirable long keeping green Winter Celery; robust, healthy, stocky, about 2 feet high, making broad, thick, stringless stalks and large hearts. It blanches easily to a pearly white; when blanched it is crisp and is of a fine nutty flavor.

Giant White Solid. (See Specialties, page 29.) (See engraving.)

Henderson's Dwarf White. Perfectly solid half-round stalks, blanching yellowish white, crisp, tender and of fine flavor. (See engraving.)

Easy-Blanching, Henderson's. (See Specialties, page 30.) 3 pkts. 50c., 7 pkts for \$1.00.

Golden Dwarf, Henderson's. A popular standard variety with a large heart and brittle, solid stalks, blanching golden yellow; crisp and fine, a splendid keeper and of excellent flavor.

New Rose, Henderson's. A splendid variety for late use. The color is rose; of exceptionally fine flavor.

Winter Queen. (See Specialties, page 29.)

CELERIAC, OR TURNIP-ROOTED CELERY. Produces roots which keep for winter; it is highly esteemed either cooked or as salad.

Erfurt Giant. Round, clean-skinned root.

Large Smooth Prague. A highly developed and larger form, almost round, uniform, smooth-skinned and free from side roots.

CHERVIL. The young aromatic leaves are used in soups and salads.

CHICORY. LARGE-ROOTED. The "Barbe de Capucin" of the French.

In the fall the roots are planted in a dark cellar on a sloping heap, composed of alternate layers of 3 inches of soil, and the roots laid horizontally, projecting 1 inch from the heap. They sprout quickly, producing the delicious "Barbe de Capucin" at a season when salad is most scarce. It is very easy to grow, and is also used in summer as greens. (Crop failure.)

Willoof Chicory. Called also "French Endive." (See Willoof, page 76.)

COLLARDS. Georgia. A tall, loose form of Cabbage grown in the South as a substitute for Cabbage. The leaves when cooked are tender and delicate.

CORN, SWEET OR SUGAR. (1 qt. for 200 hills.)

FIRST-EARLY VARIETIES.

Astor, Henderson's. (See Specialties, page 34.)	\$.15	\$.45	\$.80	\$3.00
Cory Early, Red Cob. One of the best extra early varieties grown; sweet and tender; the plants are stocky, usually bearing 2 ears to a stalk. (See engraving.)	.10	.35	.60	2.25
Cory Early, White Cob. Extremely early, usually fit to use in from 50 to 60 days from planting. Ears about 6 to 7 inches long, with milky white kernels; sweet, tender and delicious; plants dwarf, bearing usually 2 ears to a stalk	.10	.35	.60	2.25
Early Metropolitan, Henderson's. (See Specialties, page 33.)	.15	.45	.80	3.00
Early Minnesota. An early dwarf variety; ears of small size	.10	.35	.60	2.25
Golden Bantam. (See Specialties, page 34.)	.15	.45	.80	3.00
Golden Rod, Henderson's. (See Specialties, page 33.)	.15	.45	.80	3.00
Hiawatha, Henderson's. (See Specialties, page 36.)	.10	.35	.60	2.25
Pocahontas, Henderson's. (See Specialties, page 35.)	.15	.45	.80	3.00

MEDIUM-EARLY VARIETIES.

Black Mexican. Medium early, bearing 8-inch ears, well filled with large kernels, which, paradoxically, though black when ripe, are white when "green" and then exceptionally sweet. (Crop failure.)

Crosby's Early. A second early; ears 7 inches long; fine quality.

Early Champion. (See Specialties, page 36.)

Moore's Early Concord. Medium early, large well filled ears, flavor unsurpassed.

The "Henderson." (See Specialties, page 35.)

Henderson's
Tested

Vegetable Seeds

Complete
List

CORN, SWEET or SUGAR.—Continued.

LATE or MAIN CROP VARIETIES.

	Pkt.	Pint	Quart	4 Qts.
Country Gentleman, Henderson's. (See Specialties, page 33.)	\$.15	\$.45	\$.80	\$3.00
Mammoth. A very late variety, producing mammoth ears often 10 inches long, well filled with large, broad, white kernels of superb quality; unusually productive. (See engraving.)	.10	.35	.60	2.25
Stowell's Evergreen. (See Specialties, page 36.)	.10	.35	.60	2.25
Squantum. A general favorite, large, productive and very sweet; largely used for market and canning.	.10	.35	.60	2.25

Henderson's Continuity Collection of Sweet Corn, see page 36.

POP CORN, FIELD CORN and FODDER CORN. (See pages 83-85 and 86.)

CORN SALAD Large Leaved, Feticus, or "Lamb's Lettuce." Hardy little plants, grown for late fall, winter and spring use; they form rosettes of tender, edible leaves, which are used as a substitute for Lettuce.

CRESS, or PEPPER GRASS.

Extra Curled. Crisp, pungent leaves, finely cut and ornamental; used as a condiment and for garnishing; rapid growing, dwarf and compact. **Upland.** The leaves and their flavor somewhat resemble Water Cress, though this sort succeeds in dry soils, and is slow in running to seed.

WATER CRESS. Highly esteemed for salads and garnishing. It must be grown along moist banks or in tubs in water covered soil.

CUCUMBER. (1 oz. for 60 hills.)

	Pkt.	Oz.	¼ Lb.	Lb.
Cool and Crisp, Henderson's. (See Specialties, page 37.)	.10	.25	.85	3.00
Davis' Perfect. Should not be planted for best results nearer than 5 feet apart. It has excellent color, and the flesh is very crisp and delicate in flavor.	.10	.20	.70	2.50
Early Cluster. An early, prolific, short green variety.	.05	.20	.70	2.50
Early White Spine. A popular standard variety for either family use or marketing; vines vigorous and healthy, bearing early and abundantly large, handsome, even-shaped fruits of light green color; crisp and of fine flavor. (See engraving.)	.05	.20	.70	2.50
Everbearing. Possesses the merit of flowering and fruiting on the same vine continuously until frost; form perfect, even when small; of rich deep green color; desirable for pickling.	.05	.20	.70	2.50
Extra Early Green Prolific. Similar to but an improvement on Green Prolific, and earlier; ideal for pickling.	.05	.20	.70	2.50
Extra Long White Spine. Long green fruits, often 12 inches in length, popular for forcing.	.05	.20	.70	2.50
Green Prolific. Short green, productive pickling variety.	.05	.20	.70	2.50
The "Henderson" White Spine. (See Specialties, page 37.)	.10	.25	.85	3.00
Japanese Climbing. A distinct and valuable type, may be grown on a trellis, taking up less room in the garden and keeping the fruits up from the ground and clean. It produces large, fine fruits, adapted for either slicing, salads or pickling, and thrives during dry, warm summers.	.10	.25	.85	3.00
Livingston's Evergreen. Hardy, early and wonderfully prolific; fruits of medium size, crisp and finely flavored for slicing; also valuable for pickling; the beautiful green color is long retained.	.05	.20	.70	2.50
Long Green. Dark green fruits, 12 to 14 inches long; quality firm, crisp and excellent. It is the best variety for big yellow pickles.	.05	.20	.70	2.50
Short Green Gherkin. A thick-set, small, green cucumber, borne in abundance, and used exclusively for pickling.	.05	.20	.70	2.50
West Indian Gherkin, or "Burr" Cucumber. Small, oval green fruits, about 2 inches long, covered with soft, fleshy protuberances like prickles; exclusively used for pickles.	.10	.25	.85	3.00

CUCUMBER, ENGLISH FORCING VARIETIES. These produce remarkably long and very solid fruits, with few and small seeds. Not adapted for open ground culture. Our seed is from the best English strains. Packets sold contain ten seeds.

Cuthill's Black Spine. A prolific variety of medium size	.30
Duke of Edinburgh, Daniel's. Large, thick, dull green fruits, often 30 inches long	.30
Lord Kenyon's Favorite. A favorite; uniform in size and perfect in shape	.30
Telegraph. Clear, green, smooth fruits, 14 to 16 inches long; free bearer	.30

DANDELION.

Common. Popular for "greens" also when blanched for salad	.10
Large-Leaved. An early, large, broad leaved variety	.15

EGG PLANT. (1 oz. for 1,000 plants.)

Black Beauty. (See Specialties, page 38) (See engraving.)	.15	1.10	4.00
Black Pekin. A strong growing variety; medium sized, almost round, black fruits and very solid.	.10	1.00	3.50
Early Long Purple. An earlier, hardier variety with club-shaped, dark purple fruits 6 to 8 inches long, a shape preferred by some for slicing; flesh firm.	.10	1.00	3.50
New York Spineless—Henderson's Improved. (See Specialties, page 38.)	.10	1.00	3.50

ENDIVE. "Escarolle" and "Chicoree." (1 oz. for 100 feet of drill.)

One of the best salads, especially when blanched; also much used for garnishing; if hoiled makes fine "greens." Successional sowings furnish a supply almost the year round.

Broad-Leaved Batavian ("Escarolle.") Large, thick, broad leaves; it forms large hearts, which, blanched, form one of the best winter salads; excellent for "greens" and for flavoring soups and stews. (See Specialties, page 38.)	.10	.30	.85	3.00
French Moss Curled. A small, compact growing variety, with densely curled moss-like leaves.	.10	.50		
Green Curled ("Chicoree"). (See Specialties, page 38.)	.10	.30	.85	3.00
White Curled. Finely cut leaves, almost white with yellowish midribs; can be used without blanching when young.	.10	.50		
Feticus. See Corn Salad	.05	.20	.60	2.00



SWEET CORN MAMMOTH



EARLY WHITE SPINE CUCUMBER



BLACK BEAUTY EGG PLANT

For Cultural Instructions see our Pamphlet "CULTURE OF SWEET CORN" sent free if asked for

Henderson's Vegetable Seeds Complete List

Tested



DWARF GREEN CURLED SCOTCH KALE



GRAND RAPIDS LETTUCE



MUSSELBURGH LEEK



EXPRESS COS LETTUCE

	Pkt.	Oz.	¼ Lb.	Lb.
KALE, or BORECOLE. (1 oz. for 150 feet of drill.)				
Largely grown for supplying "greens" during the fall, winter and spring; used small like Spinach; also useful in garnishing. The plants are hardy above zero; frost improves the quality.				
Brown German Curled, or Purple. Purplish, curly leaves.	\$0.05	\$0.35	\$1.20	\$4.00
Dwarf Green Curled Scotch. (See Specialties, page 39 and engraving on this page.)	.05	.35	1.20	4.00
Siberian. Green, curly leaves; tender and of delicate flavor.	.05	.35	1.20	4.00
KOHL-RABI. A bulbous-formed vegetable; when cooked, before fully grown is tender and excellent, combining the flavors of Cabbage and Turnip.				
Early Purple Vienna. The outside color is purple; flesh white and delicate	.10	.40	1.40	5.00
Large White Vienna. Large, quick growing, greenish-white skin and tender white flesh.	.10	.40	1.40	5.00
Short-Leaved Early White Vienna. (See Specialties, page 39.)	.10	.40	1.40	5.00
LAMB'S LETTUCE. (See Corn Salad.)				
LEEK. (1 oz. will sow 100 feet of drill.)				
Large American Flag. (See Specialties, page 39.)	.10	.25	.75	2.50
Large Rouen. Thick, short-stemmed variety, excellent for either winter or autumn use, of slow growth, but slow in running to seed.	.10	.25	.75	2.50
Musselburgh, or Scotch Champion. Broad, flat-leaved variety, stems 3 inches in diameter by 6 to 8 inches long. (See engraving. See Specialties, page 39.)	.10	.25	.75	2.50
LETTUCE. (1 oz. for 3,000 plants.)				
HEAD VARIETIES.				
All Seasons. This popular variety is one of the best of the "Butterhead" Lettuces; medium to large in size, of attractive appearance, having broad pale green leaves and a large, round, compactly formed head of delicious quality, crisp and of that buttery character so much liked. It may be grown in the open, spring, summer or fall, and is a great heat resister, preserving its freshness under trying conditions, and is slow in bolting to seed.	.10	.20	.60	2.00
Big Boston, Henderson's. (See Specialties, page 40.)	.10	.30	.75	2.50
Black-Seeded Butter. Forms good-sized, hard heads, extensively used as an early outdoor variety as well as for frame culture.	.05	.20	.60	2.00
Boston Market, or White-Seeded Tennis Ball. A popular, early, small compact-heading variety.	.05	.20	.60	2.00
Deacon. A large, firm-heading variety, for early summer or late fall use; light green outside, creamy-yellow inside, of fine buttery quality.	.05	.20	.60	2.00
Golden Queen, Henderson's. A very desirable, first-early variety, and second to none for forcing.	.10	.30	.75	2.50
Hanson. A handsome, large loose-heading summer variety of fine quality	.05	.20	.60	2.00
Immensity, Henderson's. The largest head Lettuce, often 4 feet in circumference; not early, but reliable for late summer and fall use; quality fine.	.10	.30	.75	2.50
Mammoth Black-Seeded Butter. Similar to, but larger; than Black-Seeded Butter, enormous heads, tender, sweet and crisp. (See Specialties, page 44.)	.10	.30	.75	2.50
Mignonette. (See Specialties, page 44.)	.10	.30	.75	2.50
New York, Henderson's. (See Specialties, page 42.)	.10	.30	.75	2.50
Salamander Perfected, Henderson's. (See Specialties, page 42.)	.10	.30	.75	2.50
Tenderheart, Henderson's. (See Specialties, page 43.)	.15	.50	1.50	
Tennis Ball Black-Seeded. Extremely early, small, solid heads.	.05	.20	.60	2.00
Unrivalled (See Specialties, page 43.)	.15	.50	1.50	
Henderson's Succession Collection of Head Lettuces, see page 41.				
CURLED or CUTTING VARIETIES. This type does not form compact heads, but large masses of curly, crisp leaves, which are practically everbearing as they keep growing after picking; the best of these are:				
Black-Seeded Simpson. It stands the summer heat splendidly, and is practically everbearing.	.10	.20	.60	2.00
Early Curled Simpson. Forms a compact mass of yellowish-green, curly leaves; earlier than head Lettuces; largely grown in cold frames and the open ground.	.05	.20	.60	2.00
Grand Rapids. Beautifully crumpled and curled. (See Specialties, page 41 and engraving, on this page.)	.10	.30	.75	2.50
COS, "CELERY" or "ROMAINE" VARIETIES. These form large, elongated, compact heads that blanch mild and crisp.				
Express, Henderson's. A very early Cos Lettuce of dwarf, compact growth, heading up without tying. The self-folding inner leaves blanch beautifully white, crisp and tender. It stands hot weather splendidly, and is slow in bolting to seed. (See engraving.)	.10	.30	.75	2.50
Trianon. (See Specialties, page 41.)	.10	.30	.75	2.50
MARTYNIA. Proboscidea. Produces long seed-pods, which, gathered half grown, are green and tender. Makes a delicious sweet pickle.				
	.10	.30	1.00	3.00
MELON, MUSK, or CANTALOUPE. (1 oz. for 60 hills.)				
GREEN-FLESHED VARIETIES.				
The "Henderson" Bush. (See Specialties, page 47.) 3 Pkts., 25c.	.10	.50	1.50	
Early Hackensack, Henderson's. (See Specialties, page 47.)	.10	.20	.60	2.00
Hackensack. About 10 days later than the above, but attains a very large size; round with flattened ends, thickly netted; productive; extra quality.	.05	.20	.60	2.00
Henderson's Sweetmeat. (See Specialties, page 46.) 3 Pkts., 25c.	.10	.50	1.50	
Jenny Lind. (Henderson's Superior Selection.) Small, round-flat fruit, deeply ribbed; flesh yellowish-green and of unsurpassed flavor; very productive.	.05	.20	.60	2.00
Melting Sugar. (See Specialties, page 47.)	.10	.30	1.00	
Montreal Market. A very large green "Nutmeg" type, almost round, heavily netted; thick, luscious flesh; late and especially adapted to cooler climates.	.10	.20	.60	2.00
Netted Gem. A grand sort for general early use; very early, productive, uniform and finely netted; flesh rich green, deliciously sweet and melting.	.05	.20	.60	2.00
Nutmeg Improved. A popular old variety; skin deep green, finely netted; flesh greenish-yellow, rich and sugary.	.05	.20	.60	2.00
Rocky Ford. (See Specialties, page 46.)	.05	.20	.60	2.00

Henderson's
Tested

Vegetable Seeds

Complete
List

MELON, MUSK.—Continued.

RED or SALMON-FLESHED VARIETIES.

Emerald Gem. No variety surpasses this for flavor; the thick salmon-colored flesh is granular, rich and delicious. It is exceedingly early, prolific and long-bearing; fruits small, smooth-skinned, deep emerald-green with light stripes.

Miller's Cream, or Osage. Medium to large, slightly oval and handsomely netted; flesh rich salmon, deep, firm, sweet and melting.

Paul Rose. This splendid variety is a cross between Netted Gem and Miller's Cream, combining the best qualities of both. It ripens an immense number of moderate-sized fruits; flesh salmon, deep, sweet and richly flavored.

Red Rocky Ford, or Burrell Gem. The flesh of red-orange is very thick, fine-grained and of delicious flavor. (See engraving.)

Tip Top. One of the best salmon-fleshed sorts; bears an enormous crop of large fruits of delicious quality.

Pkt.	Oz.	1/4 Lb.	Lb.
\$0.10	\$0.20	\$0.60	\$2.00
.05	.20	.60	2.00
.05	.20	.60	2.00
.10	.20	.60	2.00
.10	.20	.60	2.00



RED ROCKY FORD MUSK MELON

MELON, WATER. (1 oz. for 30 hills.)

Citron. Red seeded. Small round fruits, for preserves only.

Cole's Early. (See Specialties, page 45).

Cuban Queen. Large oval Melons; striped dark and light green; flesh red and of excellent quality; the best late sort.

Florida Favorite. One of the earliest and best of the large oblong Melons, attaining enormous size; succeeding further north than other large varieties; rind thin but hard, mottled green; flesh clear crimson.

Ice Cream. (White-seeded.) A medium-sized, almost round Melon, succeeding well in the North. Skin light green, faintly mottled; flesh scarlet and solid.

Kleckley's Sweets. An oval-shaped variety, with dark green skin and thin rind. The bright scarlet flesh is extremely sweet.

Kolb's Gem. The fruit is nearly round, rind dark green, somewhat marbled, with lighter shades. Weight, 25 to 50 lbs.

Mammoth Iron Clad. An old and popular variety; grows to an immense size, oblong, dark green with light markings; red flesh of fine quality.

Mountain Sweet. An old favorite; oblong, dark green fruits, rind thin; flesh red, solid and sweet.

Sweet Heart. A thick, oval Melon, light green mottled, with thin, tough rind, flesh light red, solid, of fine quality and flavor. It is early.

Sweet Siberian, Henderson's. A Russian variety; splendid for Northern climates, ripening thoroughly even after cold weather. It is of oval shape, medium size, dark green, faintly mottled; thin, tough rind; flesh deep orange-buff and very sweet, early and productive.

Tom Watson. Long oval shape, thin but tough rind; bright scarlet flesh; excellent quality. (See engraving.)

Pkt.	Oz.	1/4 Lb.	Lb.
.05	.20	.60	2.00
.10	.25	.75	2.50
.05	.20	.60	2.00
.05	.20	.60	2.00
.05	.20	.60	2.00
.05	.20	.60	2.00
.05	.20	.60	2.00
.05	.20	.60	2.00
.05	.20	.60	2.00
.05	.20	.60	2.00
.10	.30	.85	3.00
.05	.20	.60	2.00



TOM WATSON WATERMELON

MUSHROOM SPAWN. Our leaflet on Mushroom Culture free.

May be grown where a fresh supply of horse manure, and a tight shed are available, and where a temperature of 50 to 60 degrees can be maintained.

American Pure Culture. This is sold in flat bricks 1 1/4 inches thick, weighing about 1 1/4 pounds. One brick may be broken into nine pieces which set 12 inches apart will spawn an area of 9 square feet. (See Specialties, page 45.) (See engraving.)

English, Henderson's Superior. Sold in bricks. It has been in constant use for years, and still preferred by many growers. (See Specialties, page 45)

Purchaser pays transportation on Mushroom Spawn			
Per brick	10 bricks	100 bricks	
\$0.30	\$2.75	\$25.00	
.25	2.25	20.00	



MUSHROOM SPAWN

MUSTARD.

Chinese. Large, succulent leaves, pleasantly pungent.

Giant Southern Curled. A favorite in the South, where it is sown in the fall for spring salad.

White London. Generally used while young in salads and garnishing (Crop failure.)

Pkt.	Oz.	1/4 Lb.	Lb.
\$0.05	\$0.10	\$0.30	\$1.00
.05	.10	.30	1.00

NASTURTIUM, or INDIAN CRESS. The seed pods, gathered green, are delicious pickled and used for seasoning like Capers.

Dwarf. A trailer, requiring no support; smaller but more profuse.

Tall or Large. Climber, 10 feet high, ornamental flowers, large seeds.

Pkt.	Oz.	1/4 Lb.	Lb.
.05	.10	.35	1.25
.05	.10	.35	1.25

OKRA, or GUMBO. The pods sliced are esteemed for soups, stews, etc., and must be gathered when young.

Dwarf Prolific. Of dwarf, stocky growth, very early and prolific.

Long Green. Long, slender, pale green pods, very tender.

White Velvet, Henderson's. (See Specialties, page 45.) (See engraving.)

Pkt.	Oz.	1/4 Lb.	Lb.
.05	.10	.25	.75
.05	.10	.25	.75
.05	.15	.50	1.50

ONION. Henderson's Onion seed is noted among critical Onion raisers for its superiority in quality, yield, weight, shape, trueness to type, uniformity, and small necks. (1 oz. for 100 feet of drill.)

Ailsa Craig. (See Specialties, page 50.)

Extra Early Flat Red. Remarkably early, of medium size; a good keeper, shape uniform, flat-round, an excellent variety for home gardens.

Prizetaker. (See Specialties, page 50.)

Round Yellow Danvers. Similar to Yellow Globe Danvers except being flatter. It matures very early, is a reliable and large cropper.

Wethersfield, Large Red. (See Specialties, page 49.)

White Bunch. Of vigorous growth, producing large, showy, white Onions, of fine, mild quality, especially adapted for using when young.

White Portugal, or Silver Skin. (See Specialties, page 49.)

Yellow Globe Danvers. (See Specialties, page 49.)

HENDERSON'S SOUTHPORT GLOBE ONIONS. (See Specialties, page 48.)

Henderson's Southport Red Globe.

Henderson's Southport White Globe.

Henderson's Southport Yellow Globe.

Pkt.	Oz.	1/4 Lb.	Lb.
.25	1.00		
.10	.35	1.20	4.00
.10	.60	2.20	8.00
.05	.50	1.85	7.00
.05	.45	1.60	6.00
.10	.60	2.00	8.00
.10	.60	2.20	8.00
.10	.60	2.20	8.00



HENDERSON'S WHITE VELVET OKRA



HENDERSON'S GLOBE ONIONS (see page 48)



HAMBURG OR TURNIP-ROOTED PARSLEY



HORSFORD'S MARKET GARDEN PEA

Henderson's Tested Vegetable Seeds Complete List

ONIONS.—Continued.

SPANISH, ITALIAN, BERMUDA and PICKLING VARIETIES.

	Pkt.	Oz.	¼ Lb.	Lb.
Adriatic Barletta. Extremely early; small, pure white with silver skin, flesh mild but firm; unexcelled for pickling.....	\$0.10	\$0.45	\$1.60	\$6.00
Bermuda, Red. Large, flat, light red-skinned Onions of mild flavor....	.10	.40	1.40	5.00
Bermuda, White. Flat, grows very quickly, exceedingly mild in flavor....	.10	.40	1.40	5.00
Giant White Garganus, or Silver King. White-skinned, white-fleshed Onions, of flattened shape, growing to an immense size.....	.10	.45	1.60	6.00
Mammoth Pompeii, or Red Garganus. Has produced Onions weighing 4 to 5 lbs. each. Skin red; flesh nearly white. Very mild.....	.10	.45	1.60	6.00
Queen. A very early, small, flat, white and mild pickle Onion.....	.10	.45	1.60	6.00

ONION SETS. All Onions attain full size and maturity the same season from spring-sown seed, yet many people desire to plant out sets for earliest Onions for the table or to use green or for bunching. (See *Specialties*, page 48.)

	Quart	4 Qts.	Peck
Potato Onion Sets. Early and of rapid growth; excellent for pulling green.	\$0.55	\$2.00	\$3.50
Red Onion Sets. Grown from our select strain of Red Wethersfield....	.55	2.00	3.50
White Onion Sets. Grown from our select strain of White Portugal....	.60	2.25	4.00
Yellow Onion Sets. Grown from our select strain of Yellow Danvers....	.55	2.00	3.50
Shallots. The small bulb keeps for a year; esteemed for seasoning.....	.55	2.00	3.50
Garlic Sets. Esteemed in cookery; 40c. lb.; by mail, 50c. lb.			

PARSLEY. (1 oz. for 150 feet of drill.)

	Pkt.	Oz.	¼ Lb.	Lb.
Champion Moss Curled. Densely crumpled and curled, dark green leaves; beautiful for garnishing; a very select and productive stock.....	\$0.05	\$0.15	\$0.40	\$1.25
Emerald, Henderson's (See <i>Specialties</i> , page 55.).....	.10	.25	.80	3.00
Extra Double Curled. A popular, fine dwarf, beautifully curled sort....	.05	.15	.35	1.20
Fern-Leaved. Leaves as exquisitely cut and curled as a Fern frond, of fine color, invaluable for garnishing.....	.05	.15	.45	1.50
Hamburg, or Turnip-Rooted. The fleshy roots of this kind resemble small Parsnips and are esteemed for flavoring soups, stews, etc. (See engraving.).....	.05	.20	.60	2.00
Plain. The leaves are not curled; plant very hardy.....	.05	.15	.45	1.50

PARSNIP. (1 oz. for 200 feet of drill.)

	Pkt.	Oz.	¼ Lb.	Lb.
Early Round. Top-shaped roots of small size, easily dug; fine flavor; especially adapted for the private garden; early.....	.05	.20	.60	2.00
Hollow Crown, Henderson's. (See <i>Specialties</i> , page 56.).....	.05	.20	.60	2.00

PEAS. (1 quart to 100 feet of drill.) (Those prefixed * are wrinkled varieties; all others are smooth.)

DWARF EXTRA-EARLY VARIETIES. (Require no staking or brush.)

	Pkt.	Pint	Quart	4 Qts.	Peck
*American Wonder. Height, 10 to 12 inches. Extra early; of dwarf, compact growth, wrinkled; of the finest quality.....	\$0.15	\$0.45	\$0.80	\$3.00	\$5.50
*Little Gem. Height, 16 to 18 inches. A dwarf, green, wrinkled Pea; very prolific and of excellent flavor.....	.10	.35	.60	2.30	4.50
*Melting Marrow. Height, 15 inches.....	.15	.60	1.00		
*Nott's Excelsior. Height, 14 inches. (See <i>Specialties</i> , page 52.).....	.15	.45	.80	3.00	5.50
*Premium Gem. Height, 15 inches. A fine dwarf Pea of the Little Gem type, on which it is a great improvement. (See <i>Specialties</i> , page 53.).....	.10	.35	.60	2.30	4.50

EXTRA-EARLY VARIETIES OF MEDIUM HEIGHT.

	Pkt.	Pint	Quart	4 Qts.	Peck
Alaska. Height, 2 feet. A wonderfully early, smooth, blue Pea; vines slender; pods about 3 inches long, well filled with small, smooth blue-green Peas. The earliness and uniformity in ripening render it a desirable market and canning Pea.....	.10	.35	.60	2.30	4.50
Ameer. Height, 3 feet. This resembles Alaska, the vine being vigorous, a little taller and the pods and Peas are one-third larger. It is a heavy producer of handsome pods, containing from 5 to 7 large blue-green round Peas of excellent quality. The crop ripens about three days later than Alaska.....	.10	.35	.60	2.30	4.50
First of All, Henderson's. Height, 2½ feet. (See <i>Specialties</i> , page 51.) (See engraving, page 73).....	.15	.45	.80	3.00	5.50
*Prosperity, Henderson's. Height, 2½ feet. (See <i>Specialties</i> , page 51).....	.15	.45	.80	3.00	5.50
*Thomas Laxton. Height, 3 feet. (See <i>Specialties</i> , page 53.).....	.15	.45	.80	3.00	5.50

SECOND or MEDIUM-EARLY VARIETIES.

	Pkt.	Pint	Quart	4 Qts.	Peck
*Abundance. Height, 3 feet. A popular variety, branching from the bottom and bearing abundantly roundish pods 3 to 3½ inches long, well-filled with 6 to 8 large wrinkled Peas of excellent quality.....	.15	.45	.80	3.00	5.50
*Advancer. Height, 2½ feet. (See <i>Specialties</i> , page 53).....	.15	.35	.60	2.30	4.50
*Chelsea, Henderson's. Height, 15 inches. (Crop failure.).....					
*Everbearing. Height, 3 feet. A prolific and continuous-bearing Pea, giving it special value for summer use; pods 3 to 4 inches long, containing 6 to 8 large wrinkled Peas, ½ inch in diameter.....	.10	.35	.60	2.30	4.50
*Heroine. Height, 2½ feet. (See <i>Specialties</i> , page 52).....	.15	.45	.80	3.00	5.50
*Horsford's Market Garden. Height, 2 feet. A grand wrinkled Pea, noted for its uniform growth and prodigious yield. The pods, though of medium size, are packed with Peas of sweet flavor. (See engraving.).....	.15	.45	.80	3.00	5.50
*Laxtonian. A grand, early, dwarf Pea. The pods of Laxtonian are very large, and are produced on a low-growing, sturdy vine, without support of any kind. Unlike many of its class, Laxtonian fills to the full its ample pods with large and luscious Peas. The flavor is just as rich and good as any of the later varieties, which entitles it to a permanent place in every garden. It is ready for use just about a week later than the very early sorts, and is incomparably good in quality. It is admirable for private gardens, where its abundant crop, produced so early in the season, is extremely welcome. The plant is only 1½ feet high, branching in habit. Pods and plant are rich, dark green in color, revealing a constitutional strength which enables it to resist the extreme conditions to which Peas are subjected in many sections of the United States.....	.15	.60	1.00		
*Improved Stratagem (See <i>Specialties</i> , page 52).....	.10	.35	.60	2.30	4.50
*"Petit-Pois," or French Pea. Height, 3 to 4 feet. The real French Pea as imported. The long, slim pods contain 8 to 10 small Peas, of tender, delicate quality; vines vigorous; medium early and prolific.....	.15	.45	.80	3.00	5.50

We Deliver Free in the U. S. Vegetable Seeds by the packet, ounce and ¼ pound. Purchaser pays transit charges on larger quantities unless otherwise provided, also on Peas, Beans and Corn. See page 1.

Henderson's
Tested

Vegetable Seeds

Complete
List

PEAS.—Continued.

MAIN CROP or LATER VARIETIES.

	Pkt.	Pint	Quart	4 Qts.	Peck
*Alderman. Height, 5 feet. One of the best early main crop varieties, vigorous and productive of large, long deep-green pods packed with dark green wrinkled Peas of the largest size and of unsurpassed quality. The rich color and fine appearance of pods and Peas is retained for several days.	\$.10	\$.35	\$.60	\$2.30	\$4.50
*American Champion, Henderson's. Height, 4½ feet. (See Specialties, page 54.).....	.10	.35	.60	2.30	4.50
*Champion of England. Height, 5 feet. (See Specialties, page 54.).....	.10	.35	.60	2.30	4.50
*Juno. Height, 2 feet. Ideal for main crop. Resists heat perfectly. ....	.10	.35	.60	2.30	4.50
*Shropshire Hero. Height, 3 feet. A robust grower, producing long handsome pods, well filled with large wrinkled Peas of exquisite flavor. ....	.10	.35	.60	2.30	4.50
*Telephone. Height, 4½ feet. (See Specialties, page 53.).....	.10	.35	.60	2.30	4.50

PEAS, SUGAR, or EDIBLE PODDED. The pods are cooked like String Beans; if used when about half grown they are deliciously tender and sweet.

Perfection Sugar, Henderson's. Height, 5 feet. A large-podded variety producing abundantly, immense brittle pods that "snap," without string; very sweet and tender. (Crop failure.)

For our Succession Collections of Tall and Dwarf Peas, see page 53. For FIELD PEAS and COW PEAS, see Farm Seeds, pages 84 and 86.

PEPPERS.

	Pkt.	Oz.
Baby Bell. (See Specialties, page 55.).....	4 Pkts., 50c.	\$1.00
Chinese Giant. The fruits are mammoth, averaging 12 to 15 inches in circumference and, notwithstanding the immense size, are early and prolific; the well-branched plants, about 2 feet high, carry a large crop of most attractive Peppers. The flesh is thick, tender, mild, sweet and unexcelled for use as salad, or for stuffing for "Mangoes." .....	.15	1.00
County Fair. The best of all horn shaped Peppers. It is particularly sweet and mild. Thicker in flesh than any other sort and enormously productive. We know of no Pepper equal to it in quality and productiveness. It is strikingly handsome, of medium size, very solid and "meaty," entirely free from any biting or burning taste. ....	.15	1.00
Golden Dawn. Similar to the popular Bell, or Bull Nose, but the color is golden-yellow. It has a very sweet and delicate flavor. ....	.15	1.00
Large Bell, or Bull Nose. A large, early, bright red variety of mild flavor; a favorite for stuffing when green. ....	.15	1.00
Long Red Cayenne. Bright scarlet, cone-shaped, pungent pods, as much used for pickling when green as when ripe. ....	.15	1.00
Neapolitan. Earlier than other large Peppers. The fruits average 4½ inches in circumference by 4 inches long; they are thick-meated and unusually mild and sweet; flesh and skin bright red when ripe; productive, and continues fruiting throughout the season. ....	.15	1.00
Red Chili. Small bright red Peppers, very hot and pungent, and generally used for making Pepper sauce; very prolific. ....	.15	.75
Red Cluster. Dwarf, compact plants, enormously productive. Small, thin pods borne upright in clusters; red and pungent. ....	.15	.75
Ruby King. (See Specialties, page 55.) A favorite sort for use as salad, stuffing, etc. ....	.15	1.00
Sweet Mountain, or Mammoth. Similar to Bull Nose, though usually larger in size and of deeper shade; of very mild flavor; fine for "Mangoes".....	.15	1.00

POTATOES. Superior Northern-grown, especially for Seed. (1 peck will plant about 125 hills; 10 to 12 bushels per acre, in drills 3 feet apart.)

Purchaser pays freight or express charges on Potatoes and assumes risk from freezing or heating. The barrel is 165 lbs. net weight.

Prices subject to change without notice.

Leaflet of cultural instructions free if asked for when ordering.

EARLY VARIETIES.

	Peck	Bushel	Barrel
Beauty of Hebron. A popular early sort and one of the best; red and white skin and pure white flesh; quality excellent; productive and a good keeper.	\$1.50	\$5.00	\$10.00
Bovee, Henderson's. (See Specialties, page 56.).....	1.75	6.00	12.00
Clark's No. 1. Rose-colored; a good yielder, of fine table quality; a leading Potato for early market. Very uniform in color and shape.	1.50	5.00	10.00
Early Northern. A splendid extra-early; of great merit, and exceedingly prolific; eyes few and shallow; unexcelled cooking qualities, dry and floury. (See engraving.).....	1.50	5.00	10.00
Early Ohio. Extra-early, maturing about two weeks before the Early Rose; almost round; flesh solid, cooks dry and mealy. Largely grown in the South for shipping to Northern markets.	1.60	5.50	11.00
Early Puritan, Henderson's. (See Specialties, page 56.).....	1.60	5.50	11.00
Early Rose. The popular standard early; noted for earliness, productiveness and fine quality.	1.50	5.00	10.00
Irish Cobbler. (See Specialties, page 57.).....	1.60	5.50	11.00
Queen. A grand, early Potato, resembling Beauty of Hebron in color, shape and size, but is much earlier and a heavy cropper.	1.50	5.00	10.00

MAIN-CROP VARIETIES.

	Peck	Bushel	Barrel
Carman No. 3. Enormously prolific, averaging nearly a pound apiece; very uniform in shape, white-skinned, few and shallow eyes; flesh snow-white and of exceptionally fine cooking quality.	1.50	5.00	10.00
Green Mountain, Improved. (See Specialties, page 57.).....	1.60	5.50	11.00
Late Puritan, Henderson's. A handsome, large, white-skinned Potato, and one of the best lates grown; heavy yielder, good keeper; cooking qualities superior. (See Specialties, page 57.).....	1.60	5.50	11.00
Sir Walter Raleigh, Henderson's. (See Specialties, page 56.).....	1.60	5.50	11.00
Uncle Sam, Henderson's. (See Specialties, page 57.).....	1.60	5.50	11.00

HENDERSON'S FIRST OF ALL PEA
(See pages 51 and 72)

RUBY KING PEPPER



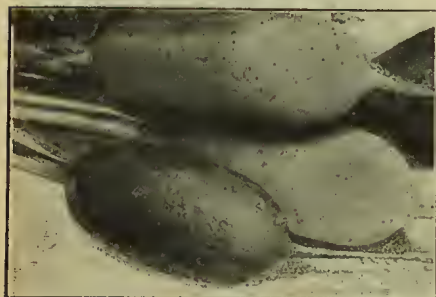
EARLY NORTHERN POTATO



PUMPKINS



EARLY ROUND RADISHES



HENDERSON'S ROCKET RADISHES



LONG WHITE VIENNA RADISH

Henderson's
Tested

Vegetable Seeds

Complete
List

PUMPKIN. (1 oz. for 30 to 50 hills.)

Calhoun, Henderson's. This is probably the best of the Pumpkins for a garden crop. It produces a very liberal supply of fruits, medium in size, deep in shape, with an extremely hard shell and light brown skin. The flesh is bright yellow, very fine grained and of exceptionally good quality.

Cheese. The most popular for pies and table use; large, flat-round; creamy-yellow skin; thick, orange flesh of fine quality; a splendid keeper.

Connecticut Field. A productive, large, orange-colored, field Pumpkin, usually grown for stock feeding, but it also makes good pies.

Large or Mammoth Tours. An old, well-known variety, productive and growing to a large size and tremendous weight.

Sugar. A handsome and productive small Pumpkin, 10 to 12 inches in diameter; round-flattened, skin orange, flesh deep yellow, fine-grained and very sweet.

Winter Luxury. A superior pie Pumpkin, small, but enormously productive and an excellent keeper; shape slightly oval, about 10 inches in diameter; color, golden-russet, finely netted; flesh deep golden, sweet and tender.

RADISH. (1 oz. for 100 feet of drill.)

EARLY ROUND or TURNIP-SHAPED VARIETIES.

Early Scarlet Turnip. (See Specialties, page 58.)

Early Giant Crimson Turnip. This is decidedly larger than the ordinary round sorts, and a little slower to grow, but is of fine quality and remains solid much longer than any of its class. The skin is rich crimson, the flesh white and extremely crisp.

Early White Turnip. (See Specialties, page 58.)

Early White-Tipped Scarlet Turnip. (See Specialties, page 58.)

Early Round Dark Red. (See Specialties, page 58.)

Henderson's Rose Turnip. This variety is distinguished by its color, which is a charming shade of rosy-pink. In other respects it closely resembles the better known Scarlet Turnip. It grows very quickly, maturing in 30 days.

Rapid Forcing. Small, round, bright scarlet, with white tip; grows quickly, and is grand for forcing; tops very small.

Red Forcing. Extra-early, maturing in 21 days; round, bright red, with small tops; very mild.

Scarlet Globe. Very early; a little longer than round; small top; color, brilliant deep scarlet; very attractive appearance.

EARLY OLIVE and OVAL-SHAPED VARIETIES.

French Breakfast. A favorite, oval-shaped, bright scarlet Radish, with white tip; fine for either open ground or forcing.

Red Rocket, Henderson's. (See Specialties, page 59.)

White Rocket, Henderson's. (See Specialties, page 59.)

White-Tipped Rocket, Henderson's. (See Specialties, page 59.)

The Collection of 3 Rocket Radishes, 1 pkt. each for 25c.; 1 oz. each for 50c.

Scarlet, Olive-Shaped. An old favorite, half-long, oval-shaped variety, maturing in 25 days; bright scarlet; flesh white, crisp and mild.

EARLY LONG VARIETIES.

Long Scarlet Short Top. The standard; bright scarlet, with white mild flesh; grows 6 inches in length; matures in about 25 days.

Long White Vienna, or Lady Finger. Tapering, about 4 inches long, pure white, mild and tender; matures in about 25 days. (See engraving.)

SUMMER and AUTUMN VARIETIES. These grow larger, need more room, and require from 6 to 8 weeks' time to mature.

Giant White Stuttgart. A large, white, oval-shaped summer Radish. Very tender and mild.

White Summer Turnip. A flat-round, early summer Radish, 2 inches in diameter; skin and flesh white and tender; ready to use in 30 days.

Chartier. A summer Radish, long, large and handsome; top crimson fading to white at tip; flesh white and delicious, remaining long in good condition.

White Strasburg. An early summer Radish, 4 to 5 inches long and tapering; flesh and skin white, solid and fine.

WINTER VARIETIES. These varieties grow so firm and compact that they will keep almost all winter if stored in a dry cellar; they require 2 to 3 months to mature.

Celestial, or White Chinese. An extra fine, large, white Radish; grows to an enormous size; flesh firm, mild and crisp.

Rose China Winter. A distinct cylindrical variety, 4 to 5 inches long by 2 inches in diameter; skin rosy-red; flesh white and firm; good keeper.

Long Black Spanish. A leading winter variety, one of the best keepers. Roots cylindrical, 7 to 10 inches long; skin blackish-brown; firm white flesh.

Half-Long Black Spanish. Differs from the above in its shorter, stockier growth and blacker skin; flesh white, compact, and the mildest flavored of this type; good keeper.

RHUBARB, or PIE PLANT.

Spring-sown seed produces roots from which a crop may be taken the second year after sowing.

Victoria. A very large, thick, red-stalked late variety of fine quality.

RHUBARB ROOTS.

St. Martin's. It is not only immensely productive, but it is also one of the earliest, and has a rich spicy flavor. Price, 20c. each; \$2.00 per doz.

Victoria. Bright red stalks. Price, 15c. each; \$1.50 per doz. If wanted by Parcel Post add postage at Zone Rates; see table of rates on page 1 of cover. Weight 3 lbs. per doz.

	Pkt.	Oz.	¼ Lb.	Lb.
Calhoun, Henderson's.				
Cheese.	\$0.10	\$0.25	\$0.85	\$3.00
Connecticut Field.	.05	.15	.55	2.00
Large or Mammoth Tours.	.05	.15	.45	1.50
Sugar.	.05	.15	.55	2.00
Winter Luxury.	.05	.15	.45	1.50
Early Scarlet Turnip.	.05	.15	.55	2.00
Early Giant Crimson Turnip.	.10	.15	.55	2.00
Early White Turnip.	.05	.15	.55	2.00
Early White-Tipped Scarlet Turnip.	.05	.15	.55	2.00
Early Round Dark Red.	.05	.15	.55	2.00
Henderson's Rose Turnip.	.10	.20	.60	2.00
Rapid Forcing.	.05	.15	.55	2.00
Red Forcing.	.05	.15	.55	2.00
Scarlet Globe.	.05	.15	.55	2.00
French Breakfast.	.05	.15	.55	2.00
Red Rocket, Henderson's.	.10	.20	.70	2.50
White Rocket, Henderson's.	.10	.20	.70	2.50
White-Tipped Rocket, Henderson's.	.10	.20	.70	2.50
Scarlet, Olive-Shaped.	.05	.15	.55	2.00
Long Scarlet Short Top.	.05	.15	.55	2.00
Long White Vienna, or Lady Finger.	.05	.15	.55	2.00
Giant White Stuttgart.	.05	.15	.55	2.00
White Summer Turnip.	.05	.15	.55	2.00
Chartier.	.05	.15	.55	2.00
White Strasburg.	.05	.15	.55	2.00
Celestial, or White Chinese.	.10	.20	.70	2.50
Rose China Winter.	.10	.20	.70	2.50
Long Black Spanish.	.10	.20	.70	2.50
Half-Long Black Spanish.	.10	.20	.70	2.50
Rhubarb, or Pie Plant.	.10	.30		

Henderson's
Tested

Vegetable Seeds

Complete
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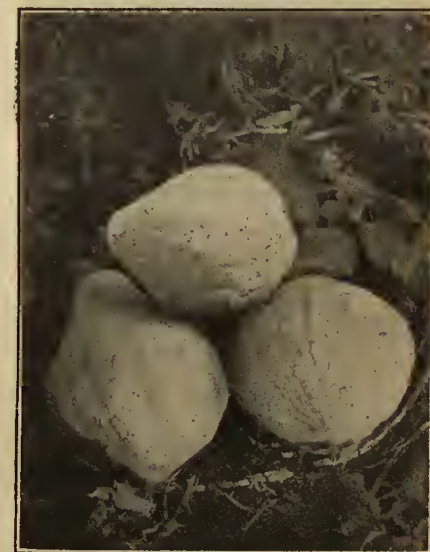
	Pkt.	Oz.	¼ Lb.	Lb.
SALSIFY, or OYSTER PLANT. (1 oz. to 75 feet of drill.) Mammoth Sandwich Island. (See <i>Specialties</i> , page 62.).....	\$.10	\$.30	\$.85	\$3.00
SCORZONERA, or BLACK OYSTER PLANT. The skin is black, flesh white; properly cooked it is most delicious.....	.10	.50		
SEA KALE. The blanched leaf stalks are eaten boiled as Asparagus, having a fine agreeable flavor. From seed they will be fit to cut the third year, continuing to bear for 8 or 10 years. The roots may be forced in a warm cellar for a winter supply.....	.10	.50		
SORREL. Broad-Leaved French. The best of the Garden Sorrels; large, pale green leaves of mild, acid flavor; esteemed as salad, cooked as "greens," etc.....	.05	.25	.75	2.50
SPINACH. (1 oz. for 100 feet of drill.) (Varieties prefixed * may be sown in the fall in latitude of New York for spring crop.) *Hardy Winter, Henderson's. Slow to run to seed and very hardy; plant compact-growing, with short-stemmed, thick and rich green fleshy leaves.....	.05	.20	.70	2.50
Long Season, Henderson's. (See <i>Specialties</i> , page 59.).....	.05	.20	.70	2.50
Long-Standing. A compact variety; thick, fleshy, dark green leaves; grows slowly but remains a long time fit to use before going to seed.....	.05	.20	.70	2.50
New Zealand. Sown outdoors after frost, it soon grows to a 3-foot bush and yields a continuous supply. May also be sown indoors in March and transplanted later. Soak seed 24 hours in tepid water.....	.10	.30		
Norfolk, Savoy-Leaved. The best for early spring or fall.....	.05	.20	.70	2.50
Round-Leaved or Dutch. (See <i>Specialties</i> , page 59.).....	.05	.20	.70	2.50
*Thick-Leaved, Henderson's. Produces large, thick, crumpled leaves of fine quality; very slow in running to seed. (See <i>engraving</i> .).....	.05	.20	.70	2.50
Victoria. Stands in prime condition long after other varieties have bolted to seed, rendering it especially valuable for spring sowing and summer use.....	.05	.20	.70	2.50
*Viroflay, Large Round-Leaved. A large, very hardy variety.....	.05	.20	.70	2.50
SQUASH. SUMMER VARIETIES. (Bush varieties, 1 oz. for 50 hills.) Golden Custard, Henderson's. A very large golden, scalloped bush Squash, often 1 foot in diameter; wonderfully productive and of extra quality.....	.10	.20	.60	2.00
Long Island White Bush. (See <i>Specialties</i> , page 61.).....	.10	.20	.70	2.50
Mammoth Bush Summer Crookneck. (See <i>Specialties</i> , page 61.).....	.10	.20	.70	2.50
Vegetable Marrow Bush. A favorite English variety, bearing freely oblong, dull yellow fruits 10 to 15 inches in length; flesh tender, marrowy and delicious. Should be used before fully grown.....	.10	.35	1.20	4.00
White Bush Scalloped. The white "Patty Pan" or "Cymling"; creamy-white skin; fine quality, free cropper.....	.05	.20	.60	2.00
Yellow Bush Summer Crookneck. A bush variety, early and prolific; surface deep yellow, densely warted; quality and flavor good.....	.05	.15	.45	1.50
AUTUMN and WINTER VARIETIES. Boston Marrow. A popular second-early Squash for autumn use; skin thin, reddish-yellow; flesh dry, fine grained and delicious. (See <i>engraving</i> .).....	.05	.15	.45	1.50
Delicata, Henderson's. (See <i>Specialties</i> , page 60.).....	.10	.30	1.00	
Delicious. Resembles Hubbard; it excels in flavor.....	.10	.30	1.00	
Early Prolific Marrow. A very popular second-early Squash for autumn and early winter use.....	.05	.20	.60	2.00
Golden Hubbard. Similar to the old Hubbard excepting the skin is of a rich orange-red and heavily warted; flesh of extra fine quality.....	.10	.20	.70	2.50
Hubbard. (See <i>Specialties</i> , page 61.).....	.05	.20	.70	2.50
Large Warted Hubbard. (See <i>Specialties</i> , page 61.).....	.10	.25	.85	3.00
Mammoth Chili. The largest of all Squashes, often weighing 200 lbs. or over; flesh rich and fine flavored.....	.10	.35	1.20	4.00
SWISS CHARD BEET. (See <i>engraving</i>) Lucullus. Distinct from the variety offered below. The leaf stems are rounder, very thick and fleshy. The whole plant is taller, the leaves are deeply and closely crumpled similar to a Savoy Cabbage. This variety will probably be highly esteemed by those who prefer the rib of the leaf, as it is more strongly developed than in the old variety; the entire leaf is equally tender and palatable. (See <i>Specialties</i> , page 60.).....	.15	.60		
Ordinary. The well known Swiss Chard Beet. (See <i>Specialties</i> , page 60.).....	.10	.30	1.00	
TOMATO. (1 oz. for 1,500 plants.) Acme. An old, well-known, early variety, medium in size, smooth, solid and prolific; color, purplish-pink.....	.05	.30	1.10	4.00
Beauty. Early, prolific; medium-sized, smooth and solid; color, purplish-red; fruits until late in the season.....	.05	.30	1.10	4.00
Bonny Best. An extra early, scarlet, round fruited variety of great value. The fruit is very even in size and shape.....	.10	.35	1.25	4.50
Chalk's Early Jewel. One of the best early varieties; about a week later than Earliana. The fruit of Jewel, however, averages larger, is uniform, smooth, solid, of fine quality, and brilliant scarlet; a heavy cropper....	.10	.35	1.25	4.50
Crimson Cushion, Henderson's.....	.10	.85	3.00	
Dwarf Champion. Of dwarf, stiff, upright growth, scarcely needing support; early and prolific, smooth, medium-sized fruits of red-purple color.....	.10	.45	1.60	6.00
Earliana. (See <i>Specialties</i> , page 63.).....	.10	.45	1.60	6.00
Freedom. (See <i>Specialties</i> , page 63.).....	.10	.45	1.60	6.00
June Pink. An extra-early selection from Earliana, differing chiefly in outside color, which is of the purplish-red preferred in some sections to scarlet. The fruit runs uniform in shape and size, about 3 inches in diameter, almost round, and borne in clusters. Flesh solid and fine....	.10	.45	1.60	6.00



SALSIFY



HENDERSON'S THICK-LEAVED SPINACH



BOSTON MARROW SQUASH



SWISS CHARD



LIVINGSTON'S GLOBE TOMATO



PURPLE TOP WHITE GLOBE TURNIP



WITLOOF CHICORY

Henderson's
Tested

Vegetable Seeds

Complete
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TOMATO.—Continued.

Golden Ponderosa, Henderson's. (See Specialties, pages 6 and 7.) 3 Pkts. 50c.; 7 Pkts. \$1.00.....

Livingston's Globe. A large, globe-shaped, early variety, very heavy and exceedingly productive. (See engraving.).....

Perfection. Almost round fruits; smooth, tough skin, color brilliant scarlet; ripens thoroughly; solid and of rich flavor; attractive for market.....

Ponderosa, Henderson's. (See Specialties, pages 6 and 7.).....

Stone. (See Specialties, page 62.).....

Tenderloin, Henderson's. (See Specialties, page 63.).....

Trophy. Our superior selection from perfect specimens of this old favorite is free from the corrugations of the old strains.....

SMALL FRUITING VARIETIES. Esteemed for preserves, marmalade, etc.

Red Cherry. Bears clusters of bright red fruits the size of a Cherry.....

Red Pear-Shaped. Produces bright red pear-shaped fruits.....

Strawberry, Winter Cherry or "Husk" Tomato. Low, spreading plants, yellow fruits half inch in diameter, surrounded by a husk. Used for preserving.....

Yellow Plum. Oval-shaped, yellow fruits, 2 inches in diameter.....

TURNIP. (1 oz. for 150 feet of drill.)

WHITE FLESHED VARIETIES.

Early Purple Top Milan. Resembles White Milan, but has purple top.....

Early Red Top Strap Leaf. (See Specialties, page 64.).....

Early White Flat Dutch. An excellent early, white, flat Turnip; flesh mild.....

Early White Milan. (See Specialties, page 64.).....

Long White, or Cowhorn. A long, white-fleshed Turnip, growing half above ground; it is of fine quality.....

Purple Top White Globe. (See Specialties, page 64.) (See engraving.).....

Snowball. An excellent sort to sow very early for a spring crop.....

White Egg. An oval or egg-shaped variety, with smooth, thin, white skin and snowy white flesh; firm, mild and sweet.....

Seven Top. Used only for greens.....

YELLOW-FLESHED VARIETIES.

Golden Ball, or Orange Jelly. (See Specialties, page 64.).....

Purple Top Yellow Aberdeen. A large, globe-shaped Turnip, with yellow flesh of fine quality; a good keeper; popular for table or stock.....

Yellow Globe. A yellow-fleshed, globe-shaped variety, of large size; a splendid winter keeper; excellent for both table and stock.....

Yellow Stone. A round, flattened, yellow-fleshed Turnip; popular for both table use and stock feeding.....

RUTA BAGA. RUSSIAN or SWEDISH TURNIP. (1 oz. for 150 feet of drill.)

Golden Heart, Henderson's. Excellent for the family garden, clean and smooth as a turnip.....

Henderson's Long Island Improved. Bred from the "American Purple Top," over which it is a great improvement, being nearly double the size; an immense yielder and good keeper; flesh rich yellow, of fine quality. (See Specialties, page 64.).....

Improved American Purple Top. Popular both for stock feeding and table use; hardy, productive, good keeper; flesh yellow.....

Large White French, Sweet German, or Rock. A white-fleshed variety of large size and fine quality.....

WITLOOF CHICORY. Called also "French Endive," "Brussels Chicory" and "Christmas Salad." Seed sown in spring produces long thick roots, which after lifting, and "resting" a few days are re-planted to start new growth, when they form the blanched crowns as illustrated. The work required is simple and easy, and the crop will amply repay the work put upon it, for it is at once the tenderest and most delicately flavored of salads, and one of the few that can be grown during winter. Complete cultural directions are given in our pamphlet "Salads—Growing and Blanching," sent free on request. (See engraving.).....

HERB SEEDS. SWEET, POT AND MEDICINAL.

Anise. For garnishing, cordials and flavoring.....

Basil, Sweet. The leaves and tops of the shoots are used for highly seasoned soups, stews and sauces; a leaf or two is sometimes placed in salads.....

Borage. Excellent for bees. The leaves are used in salads or boiled as Spinach; the flowers are aromatic and used in cool drinks.....

Caraway. The aromatic seeds are used in confectionery, cakes and medicine.....

Catnip. Used for seasoning, and also grown as a bee food.....

Coriander. For garnishing; the seeds are aromatic and useful for flavoring.....

Dill. The aromatic seeds are used in pickles, preserves, soups and sauces.....

Fennel. The leaves boiled enter into fish sauces; beautiful for garnishing.....

Florence Fennel. An excellent salad plant and is also boiled. The flavor is sweet, spicy and distinct.....

Hop Seed. (*Humulus Lupulus*).....

Horehound. Useful for its tonic properties and for cough remedies.....

Hyssop. For medicinal purposes.....

Lavender. A popular, aromatic herb, emitting a delightful perfume.....

Marjoram, Sweet. The leaves and shoots are used for seasoning.....

Rosemary. The aromatic leaves are used for seasoning.....

Sage. The leaves are used in dressings and in sauces.....

Savory, Summer. Used for seasoning and flavoring soups and dressings.....

Thyme, Broad-Leaved. The leaves are dried for seasoning.....

Wormwood. Used for medicinal purposes; also beneficial for poultry.....

HENDERSON'S READY PUT UP COLLECTIONS OF VEGETABLE SEEDS

SAVE TIME

SAVE MONEY

OUR CHOICEST SELECTIONS FOR QUALITY, QUANTITY AND CONTINUITY AT A VERY GREAT SAVING OF COST

Henderson's Collections of Vegetable Seeds

Contain seeds of only true and tried varieties, most carefully selected to give a continuous supply of vegetables of exclusively high quality, throughout the season. The quantities are proportioned to meet the requirements of such gardens as are indicated by the titles of the collections, will be found convenient for patrons who find it somewhat confusing and irksome to look through the catalogue and who prefer our judgment as to kinds and quantities. We cannot allow any alterations in these collections as they are put up in advance, ready to ship, before the commencement of our busy season, thus enabling us to sell them at very much less than the articles would cost separately

WE ENCLOSE WITH EVERY COLLECTION A PAMPHLET GIVING PLAIN DIRECTIONS FOR SOWING AND CULTIVATING, ENABLING EVEN THE INEXPERIENCED TO PRODUCE FRESH VEGETABLES THE ENTIRE SEASON

The "SUBURBAN GARDEN" Collection

- | | |
|--------|---|
| 1 pt. | Beans, Valentine. The standard dwarf early green pod snap. |
| 1 pt. | " Golden Wax. Dwarf yellow or wax podded snap. |
| 1 pkt. | " Bush Lima. "The Henderson," early and prolific. |
| 1 pkt. | " Old Homestead. The finest green-podded pole snap. |
| 1 pkt. | Beet, Eclipse. Extra early, round, red table Beet. |
| 1 pkt. | Cabbage, Early Jersey Wakefield. The standard extra early. |
| 1 pkt. | " Selected Late Flat Dutch. The finest large Cabbage grown. |
| 1 pkt. | Carrot, Early Scarlet Horn. An extra early table Carrot. |
| 1 pkt. | Celery, Perfected White Plume. The best early self-blanching. |
| 1 pkt. | Corn, Sweet, Cory. An extra early, small but prolific. |
| 1 pkt. | " Stowell's Evergreen. The popular late sort. |
| 1 pkt. | Cucumber, "Henderson" White Spine. The finest for slicing. |
| 1 pkt. | Endive, Green Curled. The delicious and popular salad. |
| 1 pkt. | Leek, Large Flag. Large, white and mild. |
| 1 pkt. | Lettuce, Salamander. Unsurpassed second early head Lettuce. |
| 1 pkt. | " New York. Large and fine main crop, heading variety. |
| 1 pkt. | Melon, Musk, Netted Gem. Small, extra early, green fleshed. |
| 1 pkt. | " Water, Cole's Early. The finest garden variety. |
| 1 pkt. | Onion, White Portugal. A fine early white variety. |
| 1 pkt. | " Prizetaker. A large yellow-skinned, main crop sort. |
| 1 pkt. | Parsley, Emerald. Curley leaves for garnishing, etc. |
| 1 pkt. | Parsnip, Hollow Crown. Large, smooth white roots. |
| 1 pt. | Peas, Early. |
| 1 pt. | " Medium early. |
| 1 pt. | " Main crop. |
| 1 oz. | Radish, Early Round, Dark Red. Unsurpassed early variety. |
| 1 oz. | " French Breakfast. Oval shape; red with white base. |
| 1 pkt. | Spinach, Victoria. Good for spring and fall sowing. |
| 1 pkt. | Squash, Mammoth, Summer Crookneck. Large, yellow; early. |
| 1 pkt. | Tomato, Ponderosa. Famous for large size, solidity and flavor. |
| 1 pkt. | Turnip, Early Red Top Strap Leaf. Flesh white; excellent quality. |

PRICE OF THE ABOVE COLLECTION, \$3.50

Purchaser paying transportation

Packed weight, 6 lbs.

The "CITY GARDEN" Collection

Contains 1 pkt. each of the following 20 Distinct Varieties:

- | | |
|----------------------------------|---------------------------------|
| Beans (none require staking). | Onion. Early white, for slicing |
| Dwarf, string, green pod. | Large Red, for boiling. |
| Dwarf, string, yellow wax pod. | Parsley. Double curled. |
| Bush Limas. | Peas (none require staking). |
| Beet. Round Red. | Earliest Dwarf. |
| Cabbage, Early Jersey Wakefield. | Dwarf, Medium early. |
| Carrot, Early Half Long Scarlet. | Dwarf, Late. |
| Corn. Early Sugar. | Radish. Early Round Red. |
| Cucumber. For slicing, etc. | Squash. White Scalloped Bush. |
| Lettuce, Salamander. | Tomato. Early Smooth Scarlet. |
| " New York. | Turnip. Round White Table. |

PRICE OF THE ABOVE COLLECTION, \$1.50

Purchaser paying transportation

Packed weight, 1½ lbs.

The "COUNTRY GENTLEMAN" Collection

- | | |
|--------|--|
| 1 qt. | Beans, Valentine. The standard dwarf early green pod snap. |
| 1 qt. | " Refugee or 1000 to 1. Very productive; handsome tender pods. |
| 1 qt. | " Golden Wax. Dwarf yellow or wax podded snap. |
| 1 pkt. | " Bush Lima. "The Henderson," early and prolific. |
| 1 pt. | " Large White Lima. The popular Pole Lima. |
| 1 pt. | " Old Homestead. The finest green-podded pole snap. |
| 1 oz. | Beet, Eclipse. Extra early, round, red table Beet. |
| 1 pkt. | Brussels Sprouts, Dalkeith. The best, compact growth. |
| 1 pkt. | Cabbage, Early Jersey Wakefield. The standard extra early. |
| 1 pkt. | " Selected Late Flat Dutch. The finest large Cabbage grown. |
| 1 pkt. | Carrot, Early Scarlet Horn. An extra early table Carrot. |
| 1 oz. | " Intermediate. Large and fine grained for main crop. |
| 1 pkt. | Cauliflower, Snowball. The finest for either early or late. |
| ½ oz. | Celery, Perfected White Plume. The best early self-blanching. |
| ½ oz. | " Giant White Solid. A large long-stalked variety. |
| 1 pt. | Corn, Sweet, Cory. An extra early, small but prolific. |
| 1 pt. | " Crosby's. A fine medium early. |
| 1 pt. | " Stowell's Evergreen. The popular late sort. |
| 1 oz. | Cucumber, "Henderson" White Spine. The finest for slicing. |
| 1 pkt. | Endive, Green Curled. The delicious and popular salad. |
| 1 pkt. | Kale, Dwarf Curled. Hardy; supplying greens in winter. |
| 1 pkt. | Kohl-Rabi, Early White. A fine vegetable for boiling. |
| 1 pkt. | Leek, Large Flag. Large, white and mild. |
| 1 pkt. | Lettuce, Boston Market. Extremely early; small heading. |
| 1 pkt. | " Salamander. Unsurpassed second early head Lettuce. |
| 1 pkt. | " New York. Large and fine main crop, heading variety. |
| 1 pkt. | Melon Musk, Netted Gem. Small, extra early, green fleshed. |
| 1 pkt. | " Hackensack. Main crop, green fleshed variety. |
| 1 pkt. | Melon, Water, Cole's Early. The finest garden variety. |
| 1 pkt. | Okra, White Velvet. Tender, smooth pods for soups, etc. |
| 1 pkt. | Onion, White Portugal. A fine early white variety. |
| 1 oz. | " Prizetaker. A large yellow-skinned, main crop sort. |
| 1 pkt. | Parsley, Emerald. Curley leaves for garnishing, etc. |
| 1 oz. | Parsnip, Hollow Crown. Large, smooth white roots. |
| 1 qt. | Peas, Early. |
| 1 qt. | " Medium early. |
| 1 qt. | " Main crop. |
| 1 pkt. | Pumpkin, Large Cheese. Fine for boiling, pies, etc. |
| 2 oz. | Radish, Early Round, Dark Red. Unsurpassed early variety. |
| 2 oz. | " French Breakfast. Oval shape; red with white base. |
| 1 pkt. | Salsify, Mammoth. Large roots of superior quality. |
| 1 oz. | Spinach, Victoria. Good for spring and fall sowing. |
| 1 oz. | Squash, Mammoth Summer Crookneck. Large, yellow; early. |
| 1 oz. | " Hubbard. The favorite winter Squash. |
| 1 pkt. | Tomato, Early Freedom. Fine early, large, solid, prolific. |
| 1 pkt. | " Ponderosa. Famous for large size, solidity and flavor. |
| 1 oz. | Turnip, Early Red Top Strap Leaf. A popular variety. Flesh white; excellent quality. |
| 1 oz. | " Golden Ball. An early yellow-fleshed sort. |

PRICE OF THE ABOVE COLLECTION, \$7.00

Purchaser paying transportation

Packed weight, 19 lbs.

The "City Garden" and "Suburban Garden" Collections can be sent everywhere by parcel post, see page 1 for table of zone rates and remit postage with order. The "Country Gentleman" collection can be sent more cheaply by express beyond the second parcel post zone.

Henderson's Shady Nook

LAWN GRASS SEED

On nearly all lawns there are unsightly bare spots under the shade of trees, which have baffled all efforts to get into grass, but with this mixture there need be no further difficulty. It is a combination of fine, dwarf growing, evergreen varieties, which in their wild or natural state are to be found growing in the woods or other sheltered and shaded spots. Ground that has been densely shaded by trees is frequently "sour," and if the drainage is defective it is apt to be covered with moss and coarse grasses. In such cases an application of slaked lime, at the rate of one bushel to each thousand square feet, or forty bushels to the acre, is an excellent corrective and sweetener, but the moss should be first removed by the use of a sharp rake.

Price, delivered free in the U. S., 35 ets. qt., \$1.25 for 4 qts., \$2.00 pk. of 5 lbs., \$7.00 bu. of 20 lbs.

"We used Henderson's Shady Nook grass mixture under the trees in Standish Park, and it is now growing very vigorously. The lawn is fifty days old."

JOHN VAN NESS STANDISH, LL.D.,
June 7, 1917. Pres. Park Commission, Galesburg, Ill.

Henderson's Seaside

LAWN GRASS SEED

Along our seacoast there are many beautiful summer homes and resorts with such sandy saline surroundings that a turf of the favorite lawn grasses cannot be produced. We have so often made up a mixture of special grasses to thrive under these trying conditions that we have concluded to offer it for the benefit of others who may be having the same trouble in getting grass to grow. Our Seaside mixture will make a good turf of green on sand where the finer grasses are not so likely to thrive, though, of course, the sand must be top-dressed with not less than 2 inches of soil before even our Seaside Grass Seed is sown, to enable the young grass to get a start. Use at the rate of one quart for 300 square feet; 5 bushels per acre.

Price, delivered free in U. S., 25 ets. qt., 85 ets. for 4 qts., \$1.50 pk. of 5 lbs., \$5.00 bu. of 20 lbs.

"I obtained very good results from Henderson's Sea-Side lawn grass seed last year, and need one-half bushel more."

HENRY D. SAYLOR,
Mar. 26, 1917. Anglesa, N. J.



HENDERSON'S
"SHADY NOOK"
LAWN GRASS SEED



HENDERSON'S
"SUNNY SOUTH"
LAWN GRASS SEED

Henderson's Sunny South

LAWN GRASS SEED

It is especially prepared for the South, and contains all the best grasses that are by nature adapted for hot, dry situations. In the South, Bermuda Grass is frequently used, but it remains green only in the summer months, turning brown in winter; but by using this mixture, and with some care and attention to watering, an all-the-year-round lawn can be maintained in Southern States where grasses do not usually thrive.

Price, delivered free in the U. S., 35 ets. qt., \$1.25 for 4 qts., \$2.00 pk. of 5 lbs., \$7.00 bu. of 20 lbs.

"Last year I used your Sunny South Lawn Grass Seed, and had a beautiful lawn, which caused many heads to turn in passing. I almost wearied of answering such questions, as where did I get it? etc., etc." Mrs. J. C. PRICE, North, N. C.
March 7, 1916.

"I am planning to place some additional portion of my place into lawn, so you may send me five bushels of Henderson's Sunny South Grass Seed, same as you have furnished me for several years. This particular grass does very well down here." W. A. HENSON,
Sept. 21, 1917. Chattanooga, Tenn.

Henderson's Terrace Sod

LAWN GRASS SEED

A special mixture of grasses, best suited for sowing on terraces, embankments and hillsides. These grasses produce long, strong, spreading roots, thus preventing heavy rains from washing out the soil. These grasses will withstand drought and exposure, thrive on shallow soils, and at the same time produce a rich, velvety-green turf throughout the season. There need be no fear of introducing coarse grasses into your lawn by sowing this mixture, for, though strong-rooted, the grasses are fine-leaved, like those used in the "Henderson Lawn Grass" mixture.

Price, delivered free in the U. S., 35 ets. qt., \$1.25 for 4 qts., \$2.00 pk. of 5 lbs., \$7.00 bu. of 20 lbs.

"From your Terrace Sod Seed last year in just five weeks I had the finest sod on terrace you ever saw."

O. M. KIMMELL, Trafford, Pa.

These mixtures are composed principally of native Grasses, mingled with a few varieties of foreign origin. They are undoubtedly the best for the AMERICAN CLIMATE and AMERICAN CONDITIONS



HENDERSON'S
"TERRACE SOD"
LAWN GRASS SEED

We Deliver Free in the U. S. by Parcel Post, Express or Freight (our choice) all Lawn Grass Seeds



HENDERSON'S GOLF COURSE GRASS SEED

HENDERSON'S "Athletic Field" Grass Seed Mixture

For Baseball, Polo, Football, Cricket Grounds, etc., etc.

This is a special blend of deep-rooting, fine-leaved, turf-forming Grasses, especially suited for Baseball Grounds, Polo Grounds, Cricket Grounds, etc. This mixture forms a thick, strong, enduring turf that will stand any amount of hard usage without showing wear and tear. It grows quickly, and if soil and conditions are at all favorable with attention to rolling and mowing, should be ready for hard use in eight weeks from sowing.

The refreshing green and the close turf—which have attracted the attention of hundreds of thousands of patrons of the principal Baseball Parks and Polo Grounds of the country—were produced by this special mixture of *The Henderson Grass Seed*. Among others we may mention the Polo Grounds at Meadowbrook, where the famous international match was played in June, 1914; Newport, Lakewood, Rockaway Hunt, Saratoga, also some of the leading Baseball Parks in the country, including the Polo Grounds in New York, Ebbets Field and Washington Park in Brooklyn.

Sow 100 to 150 lbs. per acre, according to soil conditions.
Price, delivered free in the U. S., per lb. 30c., 100 lbs. \$25.00.

A 14-YEAR TEST PROVES ITS VALUE

"Our Polo Grounds and lawns at Meadowbrook were laid down 14 years ago with the special mixture of THE HENDERSON 'ATHLETIC FIELD' GRASS SEED MIXTURE and we have renovated them from time to time with the same mixture. We would not use any other brand. The condition of these grounds at all seasons of the year is the best possible testimonial to the value of your seed. For forming a springy, yet compact turf, that will withstand the hard usage incidental to the game of polo, it is all that can be desired."

JAMES McCROSSAN, Superintendent,
Meadowbrook Club, L. I.

WARNING—The best of seed is necessary for use on all grounds devoted to sport. Years of experience have shown us that the best results are obtained in the AMERICAN CLIMATE, and under AMERICAN CONDITIONS by sowing chiefly AMERICAN-GROWN SEEDS.

"I have a lawn of your beautiful Tough Turf Grass Seed Mixture that attracts the attention of every passerby. It is indeed a beauty."

L. A. RICHARDSON, Marine, Ill.

HENDERSON'S Golf Course Grass Seed Mixtures

For Fair Greens and Putting Greens. Laying Down
New Courses and Renovating Old Ones

We have had great experience with, and have given much attention and close study to Grasses suitable for Golf Links. When Golf first became a popular game in this country and courses were laid out, it was soon found that many Grasses used with good results on European courses would not thrive in the climate of the United States.

We then made exhaustive experiments with every known variety of Grass in our trial grounds at Jersey City, N. J., and we also sent samples to various sections of the country for trial and report. As a result of these experiences we made up our now well-known mixtures—HENDERSON'S GOLF COURSE GRASS SEED MIXTURES both for Putting Greens and Fair Greens. They are undoubtedly the best for the AMERICAN CLIMATE and AMERICAN CONDITIONS, being composed principally of native Grasses, mingled with a few imported varieties. Many of the finest courses in America today were laid down with these mixtures, and with proper care the finest Putting Greens and Fair Greens in the world can be successfully rivalled. Henderson's Golf Course mixtures are made up to suit the grounds and soil to be seeded, low and wet, high and dry, sandy or clayey, as the case may be, and a description of the soil and notes on climate and the lay of the land should be sent when ordering.

HENDERSON'S "PUTTING GREEN" GRASS MIXTURE

Price, delivered free in the U. S., 35c. qt., \$1.25 for 4 qts., \$2.00 pk., \$7.00 bu. of 25 lbs. Sow at the rate of 5 to 8 bushels per acre, according to the nature of the soil.

HENDERSON'S "FAIR GREEN" GRASS MIXTURE

Price, delivered free in the U. S., per lb. 30c., per 100 lbs. \$25.00. Sow 100 to 150 lbs. per acre, according to the nature of the soil.

We shall be pleased to correspond with and advise greens committees.

"Henderson's 'Putting Green' Mixture is without exception the best and purest grass seed ever used here."

WM. FOERSTER, Golf House,
Lakewood, N. J.

HENDERSON'S Tough Turf Grass Seed Mixture

Henderson's "Tough Turf" Grass Seed is a blend of Grasses especially suited for the making of Grass Tennis Courts, Croquet Grounds, Bowling Greens, etc. The turf required for outdoor sports must be closely interwoven, firm, elastic, smooth, and durable to stand the wear and tear. These requirements are met in Henderson's "Tough Turf" Mixture, which is composed of fibrous, deep-rooting Grasses that spread and intermingle. The seeds are blended in the proper proportions to form and maintain a tough matted sward, constantly green, even in dry weather. These varieties of Grasses, being low-growing and fine-leaved, require to be sown liberally if a playing turf is desired quickly; not less than one quart should be used for 300 square feet, or five bushels per acre, although 50 per cent. more may be used with advantage; half that quantity will do for renovating.

Price, delivered free in the U. S., 30c. qt., \$1.00 for 4 qts., \$1.75 pk. of 5 lbs., \$6.00 bu. of 20 lbs.





A Pennsylvania Field of HENDERSON'S
SPECIAL GRASS MIXTURE for
Hay and Permanent Pasture

Henderson's SPECIAL GRASS SEED MIXTURE FOR Hay and Permanent Pasture

It Produces Wonderful Hay Crops and Luxuriant Pasture
Maintaining Its Cropping Qualities Twenty Years or More

This famous mixture has seeded thousands of acres of meadow and pasture land for progressive farmers and stock raisers in various parts of the United States, with most gratifying results. It is a well-balanced combination of a number of native and acclimated foreign Grasses and Clovers, blended and improved upon during exhaustive trials under widely varied conditions, soils and localities for several years, until practically perfect, our aim being to produce, under the extremes of the American climate of heat, drought and cold, a PERMANENT, dense and deep-rooting turf that would yield year after year the maximum quantity of forage. These Grasses are of superior quality, inviting, sweet and nourishing, whether used as hay or pasture. That we have been successful is attested by the numerous letters of praise for these special Grass mixtures that we have received from the users, and the tributes to their merits published in many of the agricultural journals. See *Henderson's Farmers' Manual* for testimonials. It is sent post free on request.

In preparing these mixtures the greatest care is exercised in selecting such varieties as are suited to the soil to be sown, and to realize the object in view. Therefore a description of the soil and climate, and the purpose for which sown, and if with or without a grain crop, should accompany each order. Sow 3 bushels per acre. Full directions for sowing enclosed in every bag.

Price (purchaser paying carriage), \$2.75 per bu. of 14 lbs.; 50-bu. lots, \$2.65 per bu.; 100-bu. lots, \$2.60 per bu.

WE ALSO OFFER

Henderson's Special Grass Mixture for Permanent Pasture
Henderson's Special Grass Mixture for Permanent Hay
Henderson's Renovating Mixture for Improving
Old Pastures

Henderson's Special Grass Mixture for Woodland Pastures
Sow 3 bushels per acre

Price (purchaser paying carriage), \$2.75 per bu. of 14 lbs.;
50-bu. lots, \$2.65 per bu.; 100-bu. lots, \$2.60 per bu.

Regarding Clovers

Do not omit to sow Clovers with the Grasses, as they add to the yield of hay and pasture, and by their ability to collect atmospheric nitrogen and store it in the root nodules, assist the growth of the Grasses and are of considerable benefit to subsequent crops.

Mixed Permanent Clovers, on account of their greater weight, should be sown separately, but at the same time as the Grasses. This Mixed Clover comprises White, Mammoth Perennial or Cow Grass, Alsike, etc. Sow 10 pounds per acre. Price, 45c. per lb.; 10 lbs., \$4.25; 100 lbs., \$40.00.

For completed descriptions of these celebrated mixtures see Henderson's Farmers' Manual mailed free on application.

HENDERSON'S TESTED FARM SEEDS

FOR FULL DESCRIPTIONS SEE HENDERSON'S FARMERS MANUAL. SENT POST FREE

All Our Grass And Clover Seeds Are Choicest Quality New Crop Seeds Of The Highest Germinating Power: Thoroughly Cleaned By The Most Improved Seed-Cleaning Machinery

PRICES ARE SUBJECT TO CHANGE WITHOUT NOTICE OWING TO FLUCTUATIONS OF THE MARKET

The difference between seeds—Prof. William P. Brooks, of the Hatch Experiment Station, Amherst, Mass., writes us: "After careful examination of samples from various sources and comparison of purity, germination and price, I have decided on ordering of you the greater proportion of grass seed, etc., needed here."

Henderson's Superior Recleaned Grass Seeds

	Weight per bush.	Per bush.	Per lb.	Per 100 lbs.
AWNLESS BROME GRASS. (<i>Bromus inermis</i> .) Will produce heavy crops in dry sections and on poor soils, where other Grasses perish. It is one of the hardest Grasses and succeeds in a wide range of temperature.	14 lbs.	Price on application		
BERMUDA GRASS. (<i>Cynodon dactylon</i> .) Of great value in the Southern States, but does not thrive north of Virginia.	35 lbs.	\$.75	\$ 70.00	
Canada Blue Grass. (<i>Poa compressa</i> .) Useful for sowing on hard clay and poor soils.	14 lbs.	\$3.75	.30	25.00
Chewings New Zealand Fescue. (<i>Festuca Chewings</i> .) This grass is specially recommended for golf putting greens and lawns. Succeeds on all soils.	25 lbs.	13.00	.55	50.00
Creeping Bent Grass. (<i>Agrostis stolonifera</i> .) Excellent for lawns; succeeds well in most situations.	20 lbs.	Price on application		
Crested Dog's Tail. (<i>Cynosurus cristatus</i> .) Should enter in moderate quantity in permanent pasture and lawn mixtures.	21 lbs.	7.75	.40	35.00
ENGLISH RYE GRASS. (<i>Lolium perenne</i> .) It grows rapidly and makes a good showing a month from sowing.	24 lbs.	4.25	.20	16.00
Fine-leaved Sheep's Fescue. (<i>Festuca ovina tenuifolia</i> .) The finest bladed Grass, valuable only for lawns.	14 lbs.	Unprocurable		
HARD FESCUE. (<i>Festuca duriuscula</i> .) A dwarf Grass, forming a dense, fibrous mat, succeeds well in dry places.	12 lbs.			
HUNGARIAN GRASS. (<i>Panicum germanicum</i> .) Is a valuable annual forage plant. 1 bushel to the acre.	48 lbs.	Price on application		
ITALIAN RYE GRASS. (<i>Lolium italicum</i> .) Thrives in almost any soil, and yields early and abundant crops. Sown in the fall will produce an excellent hay crop the following season, but lasts only one year.	18 lbs.	4.00	.25	20.00
Johnson Grass. (<i>Sorghum</i> (or <i>Andropogon</i>) <i>halepensis</i> .) Valuable meadow or hay Grass for the South; withstands drought.	25 lbs.	5.50	.25	20.00
KENTUCKY BLUE GRASS. (<i>Poa pratensis</i> .) Fancy or double extra clean. Though offered at the standard weight of 14 lbs. per bushel, the natural weight of this fancy seed is 21 to 25 lbs. per measured bushel.	14 lbs.	6.00	.45	40.00
MEADOW FESCUE. (<i>Festuca pratensis</i> .) Of great value in mixtures for permanent pasture.	22 lbs.	7.00	.35	30.00
MEADOW FOXTAIL. (<i>Alopecurus pratensis</i> .) One of the best Grasses for permanent pasture; early and of rapid growth.	7 lbs.	Price on application		
ORCHARD GRASS. (<i>Dactylis glomerata</i> .) One of the most valuable Grasses; in mixtures, either for pasture or hay.	14 lbs.	7.50	.55	50.00
Red or Creeping Fescue. (<i>Festuca rubra</i> .) Forms a close, rich sod, and is valuable in lawns.	14 lbs.	7.50	.55	50.00
RED TOP GRASS. (<i>Agrostis vulgaris</i> .) We only offer one grade of Red Top—the finest recleaned fancy seed. Valuable either for hay, or permanent pasture, reaches highest perfection on moist, rich soils.	32 lbs.	8.50	.30	25.00
Rhode Island Bent Grass. (<i>Agrostis canina</i> .) A very fine variety for lawns.	14 lbs.	Price on application		
Rough-stalked Meadow Grass. (<i>Poa trivialis</i> .) Excellent for pastures and meadows, particularly on damp soils.	14 lbs.	Unprocurable		
SHEEP'S FESCUE. (<i>Festuca ovina</i> .) Short and dense in growth, excellent for sheep pastures. Valuable also for lawns.	12 lbs.	"	"	
Sweet Vernal, True Perennial. (<i>Anthoxanthum odoratum</i> .) Emits an agreeable odor, which it imparts to the hay.	10 lbs.	"	"	
TALL MEADOW FESCUE. (<i>Festuca elatior</i> .) Early, nutritive and productive in pastures on wet or clay soils.	14 lbs.	8.00	.60	55.00
TALL MEADOW OAT GRASS. (<i>Avena elatior</i> .) Of rapid growth, recommended for soiling and hay mixtures.	10 lbs.	5.75	.60	55.00
TIMOTHY. (<i>Phleum pratense</i> .) The grade we offer is choice, free from weed seeds and of high germinating power.	45 lbs.	7.25	.18	15.00
Various-leaved Fescue. (<i>Festuca heterophylla</i> .) Valuable for permanent pasture, and desirable in lawn mixtures.	14 lbs.	Unprocurable		
Wood Meadow Grass. (<i>Poa nemoralis</i> .) Of early growth and thriving well under trees.	14 lbs.	Price on application		

Henderson's Superior Recleaned Clover Seeds

	Weight per bush.	Per bush.	Per lb.	Per 100 lbs.
ALFALFA, or LUCERNE. (<i>Medicago sativa</i> .) Described at bottom of page.	60 lbs.	18.75	.35	30.00
ALSIKE, or HYBRID CLOVER. (<i>Trifolium hybridum</i> .) Equal in nutritive value to the Red or Pea Vine Clover, and excellent for land that is "Clover-sick".	60 lbs.	23.50	.42	38.00
Bokhara Clover. (<i>Melilotus alba</i> .) A strong-growing perennial of value for green-manuring, especially South, also largely grown for the excellent food it affords throughout its season for bees.	60 lbs.	18.75	.35	30.00
Japan Clover. (<i>Lepedeza striata</i> .) A low-spreading perennial, much like White Clover, of great value in the Southern States for forage and green-manuring.	20 lbs.	9.50	.50	45.00
Mammoth Red, or Pea-vine Clover. (<i>Trifolium pratense perenne</i> .) Valuable for reclaiming exhausted lands.	60 lbs.	25.75	.47	42.00
RED CLOVER, Medium. (<i>Trifolium pratense</i> .) Our seed is of high germination, pure and free from weed seeds. Every care should be exercised in buying Red Clover, for there is on the market, at a cheap price, large quantities badly infested with weed seeds.	60 lbs.	24.75	.45	40.00
CRIMSON or SCARLET CLOVER. (<i>Trifolium incarnatum</i> .) An annual of strong, erect growth, 1 to 2 feet high; important as a supplementary fall-sown crop for hay, forage or silage, yielding 8 to 15 tons of green, or 2 to 3 tons of cured forage per acre; very nutritious and rich in protein. As a winter cover or soiling crop it is a great soil enricher, adding humus and nitrogen. Sow in the fall at the rate of 12 to 15 lbs. of seed per acre, either broadcast or drilled in.	60 lbs.	18.75	.35	30.00
WHITE CLOVER. (<i>Trifolium repens</i> .) Used in mixtures for permanent pasture and lawns. Crop almost a failure here and in Europe; very scarce.	60 lbs.	48.75	.85	80.00

For full description see Henderson's American Farmers' Manual, sent post free.

Henderson's Northern Grown Alfalfa Seed

ALFALFA, or LUCERNE. (*Medicago sativa*.) A Clover-like leguminous plant of great importance as a hay and forage crop, nutritious and rich in protein elements. It grows 2 to 5 feet high and sends roots 5, 10, 20, and sometimes 30 feet into the subsoil. It needs one season to become established, after which it yields enormous crops annually for many years. 3 or 4 cuttings per season, aggregating 4 to 6 tons cured hay per acre, are harvested, according to conditions and locality. It does well on all good rich soils (except heavy clay), if well drained, or overlying a permeable subsoil; on calcareous soil it thrives especially well. Sow in the Northern States during June, July or August, 30 to 40 lbs. of seed per acre if broadcasted, or 25 to 30 lbs. if drilled. In the South sow in February or September. Price, 35c. lb.; \$18.75 bushel of 60 lbs.; \$30.00, 100 lbs.



Harvesting a crop of Alfalfa in Northern N. Y. grown from Henderson's Northern Grown Alfalfa Seed.

Write for our pamphlet "ALFALFA ON NORTHERN FARMS" free to all applicants



Storm King Oats

We have pleasure in recommending this true White Tartarian or Side Oat. It is a heavy cropper; the grain is short, plump, thin-skinned and of the highest feeding value and the straw, as its name implies, is very strong and stiff, enabling it to resist the severest weather. The weight of the grain per measured bushel is 46 lbs. The past year's experience has fully borne out our good opinion of "Storm King." Wherever grown the yield of both grain and straw was satisfactory. We advise every grower of Oats to try this variety. Sow 3 bushels per acre.

PRICE, Storm King Oats, per peck.....	\$0.80
Per Standard bushel of 32 lbs.....	2.75
10-bushel lots and upward, per bushel.....	2.65
100-bushel lots, per bushel.....	2.55

Early Newmarket Oats

A grand new breed of English pedigree Oats of wonderfully vigorous growth, producing very early a heavy crop of unusually large, plump Oats, remarkable for their thinness of husk, which greatly adds to their feeding value. The straw is tall and strong, withstanding unfavorable weather well, and it is practically immune from rust. Sow 3 bushels per acre.

PRICE, Early Newmarket Oats, per pk. \$0.70	
Per Standard bushel of 32 lbs.....	2.10
10-bushel lots and upward, per bushel.....	2.00
100-bushel lots, per bushel.....	1.90

HENDERSON'S Clydesdale Oats

THE MOST POPULAR HIGH-GRADE
WHITE OATS IN THE UNITED STATES

Early and Productive—Free from Disease—Does not
Shell Out in Handling—And Weighs 50
Pounds to the Measured Bushel

Since we introduced this Grand Oat it has steadily and deservedly gained in popularity, until to-day it is the most popular High-Grade White Oat in the United States. The ultimate financial benefit accruing to the American farmers by the annual distribution of several thousand bushels of Henderson's Clydesdale Oats cannot be overestimated. These Oats weigh naturally 50 lbs. per measured bushel, and they deteriorate in weight only from 3 to 4 lbs. each year, so that the produce is worth for seed purposes at least double the market value of ordinary Oats. No other Oat can show such a record—75 to 100 bushels per acre, and double the usual quantity of straw. Another most important advantage of Henderson's Clydesdale Oats to the farmer is the fact that they have been thoroughly cleaned by the latest and most improved machinery, and are absolutely free from weed seeds. Sow 3 bushels per acre. (See engraving.)

PRICE, Henderson's Clydesdale Oats, per peck...	\$0.80
Per Standard bushel of 32 lbs.....	2.75
10-bushel lots and upward, per bushel.....	2.65
100-bushel lots, per bushel.....	2.55

"In the spring of 1915 I purchased of you a number of bushels of Clydesdale Oats. They proved to be wonderful Oats and are truly worth their price."

Jan. 25, 1917.

C. ELPHICK, Ludlow, N. J.

"Two years ago I bought Clydesdale Oats from you and again last year. I was greatly pleased with them. Last year from seed secured from what we bought of you the year before we raised 63 bushels to the acre, and the season was very dry and poor."

April 6, 1917.

EDWARD B. FRITZ, Marshall, Mich.

"The Oats purchased from you about two years ago were the best we ever saw, and we have had good success with them. They were Clydesdale Oats."

Sept. 7, 1917.

R. H. MULL, Phillipsburg, Pa.

Long's White Tartar Oats

THE IDEAL SIDE OAT FOR THE AMERICAN FARMER

The earliest, heaviest and most prolific domestic-grown Side Oat in cultivation. It is suitable for all soils; of robust and vigorous constitution, is remarkably early and an immense cropper; the straw is long and stout, stands up well and does not readily lodge or twist. The heads measure from 8 to 10½ inches, and the kernels are of immense size, thick, plump and heavy; it is undoubtedly the heaviest cropping domestic white Oat ever offered.

Its extreme earliness, great length and strength of straw, thick, plump grains and the heavy yields it is capable of producing give Long's White Tartar all the necessary qualifications which go to make an ideal Oat. Sow 3 bushels per acre.

PRICE, Long's White Tartar Oats, per peck.....	\$0.70
Per Standard bushel of 32 lbs.....	2.10
10-bushel lots and upward, per bushel.....	2.00
100-bushel lots, per bushel.....	1.90

"I wish to call your attention to the Long's White Tartar Oats, which I bought from you. They are very fine. Yield 82 bushels, 11 lbs. per acre."

R. S. CLARK, Maple Shade Farm, Dillsburg, Pa.



A NEW FLINT CORN (NOW OFFERED FOR THE FIRST TIME) Allison's TWELVE ROWED White Flint

This corn has been grown and selected on the Knapp Farm, Rockland County, N. Y., for a number of years. It is a great improvement on the Eight Rowed White Flint, the ears measuring from 12 to 15 inches in length and are invariably Twelve Rowed. They are well covered with smooth broad rich ivory colored kernels from butt to tip. The stalks under good cultivation grow to an average height of 10 feet and are very leafy, making excellent fodder. The yield is from 80 to 100 bushels of shelled corn per acre.

Wherever a large eared Dent Corn fails to ripen we would recommend the planting of this variety. It requires a little longer to mature than the Eight Rowed Flint varieties because the size of the ear and yield of grain is much larger.

There has been but a limited quantity of seed grown by the originator, for sale, and it cannot be offered by any other seedsman or dealer.

Price \$1.75 per peck, \$6.00 per bushel, 10-bushel lots at \$5.90.



Extra Early Yellow Flint Corn

This is a valuable addition to the Flint Varieties of Field Corn. It is the earliest variety in existence and especially adapted to Northern conditions (cool nights and short summers) and under favorable conditions the yield is immense. The ears are eight-rowed, remarkably long, frequently measuring 15 inches and over, of a rich amber color, thickly set with large broad kernels. The stalks are of medium height. In ordinary seasons it will mature in ninety days, and can be shelled and ground for feed earlier than any other large-yielding variety. It is especially valuable in sections where Corn cannot be planted before the middle of June. With good cultivation Extra Early Yellow Flint will yield 90 bushels of shelled Corn per acre. Considering that it is an eight-rowed early sort this is an excellent yield. Specially recommended for planting in northern New York, Connecticut and Massachusetts. Price, \$1.50 peck, \$5.50 bushel, 10 bushels at \$5.40.

Long's Champion Yellow Dent Corn

For the last 15 years on a section of 90 acres this Corn has yielded an average of 133 bushels of Shelled Corn per acre and has yielded as high as 160 bushels.

This King of Corns is without doubt the finest, the largest and the most productive Yellow Dent Corn ever produced, and will be found to be of great value to the farmer, especially in the Middle and Eastern States, where from 120 to 130 days of good Corn growing weather can be relied upon; on account of its immense yield, at least 25 per cent. and often 50 per cent. more than can be obtained from the average old-type Corns generally planted.

Long's Champion is the climax of 25 years of Corn breeding and selection by Mr. I. S. Long, one of the most successful and progressive farmers in the Pennsylvania Corn Belt.

The ears are of immense size, 12 to 14 inches in length, 8 to 11 inches in circumference, carrying 20 to 24 uniform rows of long, large kernels well developed over tip and butt. It is a luxuriant grower, about 12 to 15 feet high, and in Lebanon County, Pa., where it originated, has never failed to mature by September 20th, when planted during the first half of May. There is but a limited quantity of seed for sale, which can only be had through us. (See engraving.)

Price, \$1.50 peck, \$5.50 bushel, 10-bushel lots, \$5.40 per bushel.

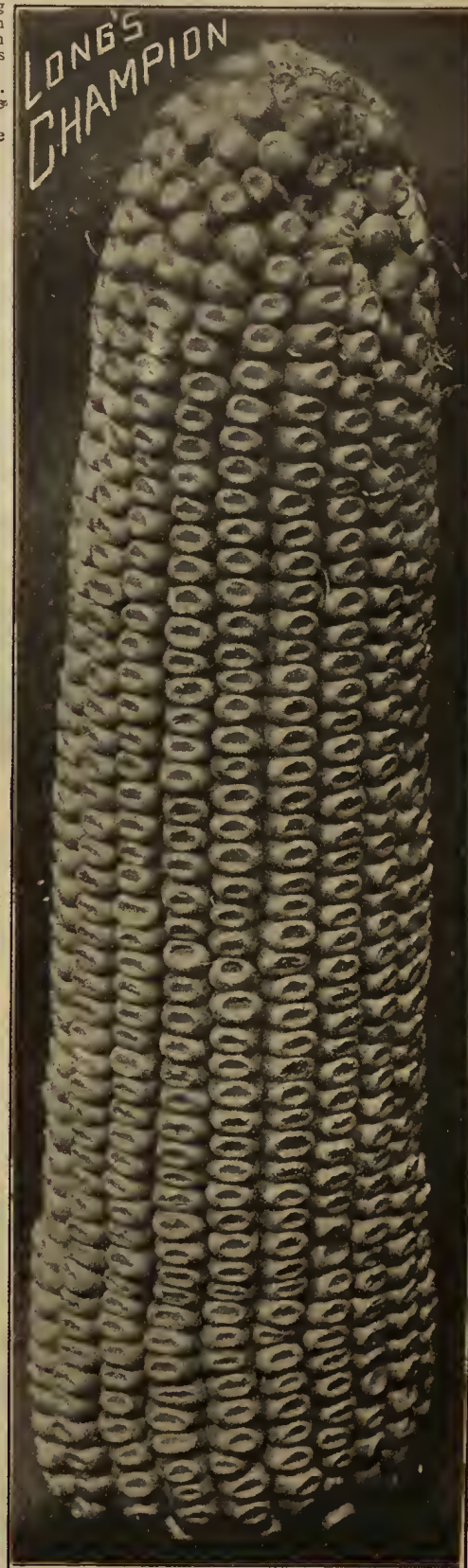
Henderson's Eureka Yellow Dent Corn

One of the finest and most productive field Corns grown; it is a tremendous yielder—150 bushels of shelled Corn per acre is not unusual. The plants grow 12 to 15 feet high, a large proportion of them bearing two immense ears to the stalk; the ears are very handsome, averaging 12 to 15 inches long, with small red cob covered full, and over both butt and tip ends with 18 to 22 even rows of large, deep grain of a rich orange-yellow color. It is fairly early for so large a Dent Corn, but, of course, does not mature as quickly as the small early Dent and Flint varieties, but where 100 to 110 days of "Corn weather" are assured, it is the Corn to grow. It gives unqualified satisfaction from New Jersey to Ohio and south, but north of that latitude we do not advise planting it unless in favored localities. Price, \$1.50 peck, \$5.50 bushel, 10-bushel lots, \$5.40 per bushel.

For other varieties see page 85.

"My son, who is under 15 years old, entered the Warren County Corn Growers' contest with one acre of ground, did all the work himself, after the ground was plowed, and raised 244 bushels of ear corn or 120.88 bushels of shelled corn. He raised it from the seed he bought from you last spring—Long's Champion Yellow Dent."

W. M. VOLLENTINE, Irvine, Pa.



Canada Field Peas For Fodder and Green-Manuring

"Peas could be made to bring more nitrogen to the soils of this country every year than is now purchased annually by the farmers at a cost of millions of dollars."—(Yearbook of the U. S. Department of Agriculture.)

For the Northern States there is no crop of greater value than Field Peas. Whether for fodder, in mixture with Oats, sown at the rate of 2 bushels of Peas and 1 bushel of Oats per acre, or the Peas sown alone at the rate of 3 bushels per acre for plowing under, there is no crop that we can so strongly recommend. Peas have the power of extracting nitrogen from the air, the soil from which a crop of Peas has been harvested is richer in nitrogen than before, and there is no kind of live stock on the farm to which Peas and Oats in mixture cannot be fed with positive advantage.

The Marrowfat and Canada Field Peas, especially the white variety, are valuable for early spring sowing; being exceptionally hardy, the crop is not easily injured by late frosts. Sown alone for fodder or in combination with Oats for hay, or as a crop to plow under for green manure, they are unsurpassed. Peas can be followed by Millet or Crimson Clover. (See engraving.)

Prices of Field Peas for Fodder and Green-Manuring.

Peas, Canada White. \$2.25 per peck; \$8.00 per bushel of 60 lbs.; 10 bushel lots, \$7.90 per bushel.

Cow Peas

Cow Peas are more tender than Canada or Field Peas and should not be sown until Corn-planting time. Cow Peas, being of very rapid growth during the warm weather, can be sown as late as the middle of July with reasonable assurance of a profitable crop, either for harvesting or plowing under.

The early varieties of Cow Peas are quite extensively and successfully grown for forage and soiling as far north as Massachusetts, but so far north the crop may not ripen seeds. As a soil renovator and enricher Cow Peas are very valuable. A crop of Cow Peas collects nitrogen from the air in large quantities and fixes it in the soil, thus adding this expensive element of fertilizer to the land without cost, and leaving it richer and in splendid condition for the future crop. All crops do well after Cow Peas. Cow Peas grow on all soils from the stiffest clays to porous sands, barren uplands and alluvial bottoms. The feeding value of Cow Peas is high, whether as green forage, cured hay or silage, being especially rich in blood, bone and muscle-forming material. For green-manuring clay land, the crop should be turned under green. On sandy soil, already too light, the vines should decay on the surface and then be turned under. Sow 2 bushels per acre.

Black Eye Cow Peas. A popular and productive early sort. Price, \$10.00 per bush. of 60 lbs.; 10-bush. lots, \$9.90 per bush.

New Era Cow Peas. A new, extra-early variety, earlier than the Black Eye, the quickest growing of any of the Cow Peas, maturing in about 60 days, specially adapted for planting north. Yields well. Price, \$9.00 per bushel of 60 lbs.; 10-bushel lots, \$8.90 per bushel.



Canada
White
Field
Peas



HENDERSON'S
Japanese Buckwheat

HENDERSON'S Japanese Buckwheat

This grand variety, introduced by us several years ago, has proven a bonanza to Buckwheat raisers in this country. It is of strong, branching growth, stands up well and produces from two to four times as much grain as any other variety under same conditions. It is also fully a week earlier.

Henderson's Japanese Buckwheat seed is grown from the largest Japanese type imported by us for stock seed and is therefore immensely superior to that grown here for several seasons whereby it has deteriorated. Sow 1 bushel per acre. (See engraving.) Price, \$1.25 per bush. of 60 lbs.; 10-bushel lots, \$1.20 per bushel.

Dwarf Essex Rape

Under favorable conditions Rape is ready for pasturing sheep or cattle within six weeks from time of sowing, and on an average one acre will carry twelve to fifteen sheep six weeks to two months. When on the Rape they should at all times have access to salt; but water is not necessary. In the Northern States, it should be sown from May to the end of August for fall pasturing, but as it thrives best in cool weather, it should not be sown in the Southern States until September or October for winter pasture. In the latitude of New York, July or August is the best time to sow. Sow 4 lbs. per acre broadcast, 2 to 3 lbs. per acre in drills. Price, 30c. lb.; \$13.00 bushel of 50 lbs.; 100 lbs., \$25.00.

Sand or Winter Vetch (Vicia Villosa)

It succeeds and produces good crops on poor, sandy soils, though it is much more vigorous on good land and grows to a height of 4 to 5 feet. It is perfectly hardy, remaining green all winter, and should be sown during August and September, mixed with Rye, which serves as a support for the plants, or in spring with Oats or Barley.

It is the earliest crop for cutting, and a full crop can be taken off the land in time for planting spring crops. Being much harder than Scarlet Clover, this is the forage plant to sow in the Northern States, where Scarlet Clover winter-kills, though it is equally valuable in the South. Every dairyman and stock breeder in the United States should have a field of it.

(See engraving.) Sow 1 bushel per acre, with 1/2 bushel of Oats or Barley. Price, 40c. lb.; \$21.75 bushel of 60 lbs.; 100 lbs., \$35.00.

Japanese Millet

Is particularly valuable in the Northern States as a quick-growing forage and ensilage crop, attaining a height in good soil of 6 to 8 feet and yielding from 10 to 18 tons of green fodder per acre. For feeding green, it may be cut from day to day as needed until the seed begins to ripen. During this period it is much relished by stock. For dried fodder it should be cut in the blossom stage, and is preferred by horses and cattle to Timothy and Clover hay. For ensilage, two parts of the Millet in combination with one part Soja Bean forage, form a complete balanced ration that may be fed without grain. Sow from May to July, 15 lbs. of seed per acre if broadcasted, or if in drills 12 to 18 inches apart, use 10 to 12 lbs. per acre. Price, 15c. lb.; 10 lbs., \$1.20; 100 lbs., \$10.00. (For other varieties of Millet see page 86.)



SAND OR WINTER VETCH

We shall be pleased to make Special Prices, where possible, to buyers of large quantities of Grain or Grass Seed. Write us.

COMPLETE LIST OF FARM SEEDS

ALFALFA. (See Clovers, page 81.)

ARTICHOKES, JERUSALEM. Potato-like roots, excellent for feeding stock, especially hogs. Qt., 25c.; peck, \$1.25; bush., \$4.00.

AUSTRALIAN SALT BUSH. Sow 3 lbs. per acre. A valuable forage plant for dry situations and alkali soils. Oz., 15c.; lb., \$1.25; 10 lbs., @ \$1.15.

BARLEY. Sow 2 to 2½ bush. per acre.
New White Hulless. 2 to 3 weeks earlier than ordinary Barley, grows about same height, and the grain will not shell out in the field. Peck, 1.00; bush. (48 lbs.), \$3.50; 10 bush. @ \$3.40.
Beardless. Large heads of large grain; big yielder. Entirely free from beards. Peck, 85c.; bush. (48 lbs.), \$3.00; 10 bush., @ \$2.90.
Vermont Champion. Two-rowed; hardy, prolific and early. Peck, 85c.; bush. (48 lbs.), \$3.00; 10 bush., @ \$2.90.

BEANS. Sow 1 bush. per acre.
Boston Small Pea. Very desirable; early, hardy and prolific. (Price on application.)
Improved Red Kidney. More prolific than the ordinary variety. (Price on application.)
White Marrow, or Navy Bean. Extensively grown as a shell Bean. (Price on application.)

BEANS FOR SOILING, FODDER, Etc.
Early Green Soja. This produces enormous crops as far north as Canada. It grows about 4 ft. high and yields ten to twenty tons of green fodder per acre, or 20 to 40 bushels of Beans.
 It is especially valuable for ensilage in combination with fodder Corn or Japanese Millet (two parts of Millet to one part of Soja Beans), thus furnishing a complete balanced ration.
Soja Beans are great soil enrichers, adding humus and extracting nitrogen from the air.
 Sow 3 pecks per acre.
 Price, peck, \$2.50; bush. (60 lbs.), \$9.00; 10 bush., @ \$8.90.
Velvet. (*Mucuna utilis*.) Sow 1 bush. per acre. Late; valuable in the South for plowing under. Peck, \$2.50; bush. (60 lbs.), \$9.00.

BEEF, Mangel Wurzel. Sow 6 to 8 lbs. per acre.
Colossal Long red, Henderson's. A valuable improved and distinct variety. Extra large, long roots; blood-red, very nutritious. ¼ lb., 75c.; lb., \$2.00; 10 lbs., @ \$1.90 lb.
Champion Yellow Globe, Henderson's. Smooth, large, round roots; yellow flesh. ¼ lb., 75c.; lb., \$2.00; 10 lbs., @ \$1.90 lb.
Giant Intermediate, Henderson's. Big yielder; handsome, large ovoid roots. ¼ lb., 75c.; lb., \$2.00; 10 lbs., @ \$1.90 lb. (See engraving.)
Golden Tankard. Flesh yellow, thus differing from other varieties, sheep prefer it; heavy yielder. ¼ lb., 75c.; lb., \$2.00; 10 lbs., @ \$1.90 lb.
Long Red. Largely grown; large roots of excellent quality. ¼ lb., 75c.; lb., \$2.00; 10 lbs., @ \$1.90 lb.
Long Yellow. Differs from the Long Red only in color. ¼ lb., 75c.; lb., \$2.00; 10 lbs., @ \$1.90 lb.
Yellow Globe. Large globular roots; good keeper; adapted for shallow soils. ¼ lb., 75c.; lb., \$2.00; 10 lbs., @ \$1.90 lb.

BEEF, SUGAR VARIETIES. As several of the different varieties of sugar beet is almost unobtainable this season we would recommend planting for stock feeding the improved breed of New Sugar Mangels offered below.

New Half Long Sugar Mangel. By analysis it shows a nearer approach to sugar beet than any other mangel. The flesh is white, very solid and rich in saccharine.

Half Long Red, per ¼ lb., 75c.; lb., \$2.00; 10 lbs., @ \$1.90 lb.

Half Long White, per ¼ lb., 75c.; lb., \$2.00; 10 lbs., @ \$1.90.

BEGGAR-WEED. Sow 10 lbs. per acre. A valuable forage and soil-improving plant for the South, growing 2 to 6 ft. high; sow broadcast 10 to 12 lbs. per acre; price, ¼ lb., 20c.; lb., 75c.



HENDERSON'S EUREKA YELLOW DENT CORN

SEND FOR
HENDERSON'S
FARMERS'
MANUAL
 AN UP-TO-DATE CATALOGUE
 DESCRIPTIVE AND ILLUSTRATED,
 OF HIGH-GRADE
FARM SEEDS
 MAILED FREE



BROOM CORN. Evergreen. Sow 8 to 10 lbs. per acre. Free from eoked brush and remains green. Lb., 15c.; 100 lbs., \$12.00.

BUCKWHEAT Japanese. Sow 1 bush. per acre. (See page 84.) The best of all; early, large grain; enormous yielder. Bush. (48 lbs.), \$4.00; 10 bush., @ \$3.90.

CARROT. Sow 4 lbs. per acre.
Improved Long Orange. Enormous yielder of large roots; good keeper. ¼ lb., \$1.00; lb., \$3.50.

Danvers. Good-size, handsome, stump-rooted; big yielder. ¼ lb., \$1.25; lb., \$4.00.

Large White Belgian. Long, white roots; very productive. ¼ lb., 60c.; lb., \$2.00.

Large Yellow Belgian. Long, yellow-fleshed roots; good keeper. ¼ lb., 60c.; lb., \$2.00.

White Vosges. Thick, shapely roots, easily harvested; heaviest cropper. ¼ lb., 60c.; lb., \$2.00.

CASTOR OIL PLANT. From which the Castor Oil of commerce is produced. ¼ lb., 20c.; lb., 50c.

CLOVER. (See page 81.)

CORN, DENT VARIETIES. Sow 8 to 10 qts. per acre. In ten-bushel lots or over, deduct 10c. per bushel on Dent and Flint Corns.

Long's Champion Yellow Dent. (See page 83.) Qt., 30c.; \$1.50 peck; \$5.50 bush.

Eureka, Henderson's. (See engraving.) Qt., 30c.; peck, \$1.50; bush., \$5.50. (See page 83.)

Wood's Northern White Dent. The earliest large White Dent ears 10 to 12 inches long. Qt., 30c.; peck, \$1.50; bush., \$5.50.

Early Mastodon. A large-eared, early Yellow Dent. Qt., 25c.; peck, \$1.40; bush., \$5.00.

Golden Beauty. A large Golden Dent; very productive. Qt., 25c.; peck, \$1.40; bush., \$5.00.

Extra-early Huron. Very early; may be grown North and in Canada. Qt., 25c.; peck, \$1.40; bush., \$5.00.

Queen of the Prairie. (*Pride of the North*.) Early Yellow Dent, maturing North. Qt., 25c.; peck, \$1.40; bush., \$5.00.

Early Butler. Earliest Yellow Dent; long grains, small cob. Qt., 25c.; peck, \$1.40; bush., \$5.00.

Leaming Improved. Low-set ears of good size; golden grain, productive. Qt., 25c.; peck, \$1.40; bush., \$5.00.

White Cap Yellow. Early; thrives on light soils; grain yellow, tipped white. Qt., 25c.; peck, \$1.40; bush., \$5.00.

Hickory King. Largest grain, smallest cob of any white Corn. Late; maturing south of New Jersey. Qt., 25c.; peck, \$1.40; bush., \$5.00.

CORN, FLINT VARIETIES. Sow 8 to 10 qts. per acre.

Allison's Twelve Rowed White Flint. New. (See page 83.) Qt., 35c.; peck, \$1.75; bush, \$6.00.

Extra-early Yellow Flint. A ninety-day Corn. The best eight-rowed Yellow Flint in cultivation. For detailed description see our Farmers' Manual. Qt., 30c.; peck, \$1.50; bush., \$5.50.

Longfellow. A large, 8-rowed Yellow Flint; ripens as far north as Massachusetts. Qt., 25c.; peck, \$1.40; bush., \$5.00.

Large White Flint. Large, handsome, well-filled ears. Qt., 25c.; peck, \$1.40; bush., \$5.00.

Large Yellow Flint. (*Early Canada Yellow*.) Largely grown in the North. Qt., 25c.; peck, \$1.40; bush., \$5.00.

King Philip. Coppery-red, very early, large handsome ears. Qt., 25c.; peck, \$1.40; bush., \$5.00.

CORN FOR FODDER AND ENSILAGE. Sow broadcast 2 bush.; in drills, 1 bush. per acre.

Southern Horse Tooth. A large, leafy grower; especially valuable for ensilage. Bush., \$5.00; 10 bush., @ \$4.90.

Improved Early Horse Tooth. Two weeks earlier than above, and better suited for fodder and ensilage in Northern States. Bush., \$5.00; 10 bush., @ \$4.90.

Rural Thoroughbred White Flint. Valuable for both grain and ensilage; suckers yielding enormously. Qt., 25c.; peck, \$1.40; bush., \$5.00; 10 bush., @ \$4.90.

Evergreen Sweet Fodder. Richer, sweeter and more digestible than the ordinary. Peck, \$1.75; bush., \$6.00; 10 bush., @ \$5.90.

Sweet Fodder. Succulent and nutritious for feeding green. Peck, \$1.40; bush., \$5.00; 10 bush., @ \$4.90.

NOTE.—Prices of Farm Seeds are subject to change without notice

POP CORN. Sow 4 lbs. per acre. The Pop Corns we offer are shelled; 10 lbs. and over will be supplied at the 100-lb. rate.

White Pearl. Smooth, large white grains. Lb., 10c.; 100 lbs., \$8.00.

Amber Pearl. Very early, 8 to 10-inch ears; amber-colored kernels, popping white. Lb., 15c.; 100 lbs., \$12.00.

White Rice, or Rat Tooth. Early, white-pointed kernels. Lb., 10c.; 100 lbs., \$8.00.

COTTON (Upland Vars.). Sow 15 lbs. per acre. **Allen's Silk Long Staple.** Good cropper, of great merit. Lb., 20c.; 100 lbs., @ 16c.

Cook's Silk Long Staple. New; a superior selection of Upland. Lb., 18c.; 100 lbs., @ 14c.

King's Improved. A rugged grower, of strong constitution. Lb., 18c.; 100 lbs., @ 14c.

Shine's Early Prolific. Extra early; grows further north than most sorts. Lb., 20c.; 100 lbs., @ 16c.

Sea Island. Grown near seacoast; it produces the finest cotton. Lb., 18c.; 100 lbs., @ 14c.

DOURA. Sow 8 to 10 lbs. per acre.

Rural Branching. Very productive fodder plant; may be cut several times. Lb., 16c.; 100 lbs., \$12.00.

Yellow Branching. Earlier and taller than above, but does not stool out so much. Lb., 16c.; 100 lbs., \$12.00.

FLAX. Sow $\frac{1}{2}$ to $\frac{3}{4}$ bush. per acre. Price variable. (Write for quotations.)

HUNGARIAN GRASS. (See Millet, below.)

JERUSALEM CORN. Sow 5 lbs. per acre. The surest forage crop for dry, hot sections, and for dry seasons, often producing a crop when other forage plants perish; grows about 5 feet. Lb., 18c.; 100 lbs., \$14.00.

KAFFIR CORN. Sow 8 to 10 lbs. per acre.

White. Excellent fodder plant, green or dried, and the grain is valuable for feeding poultry. 4 to 6 feet. Lb., 14c.; 100 lbs., \$10.00.

Red. Taller than white; leafy and juicy; grain good for poultry. Lb., 14c.; 100 lbs., \$10.00.

LUPINS, FIELD. Sow 2 bush. per acre. Valuable for plowing under; succeeds on poor soils. (Price on application.)

LUCERNE, or ALFALFA. (See Clovers, page 81.)

MANGEL WURZEL. (See Beets, page 85.)

MILLET. Sow 1 bush. per acre.

Golden or German, Northern Grown. This variety is considerably larger than Hungarian and yields a much heavier crop, but is later and not so quick growing, so cannot be sown after the fourth of July in this latitude. To maintain its heavy cropping character, seed of this variety needs to be specially cultivated. Our seed is specially grown and selected. (See engraving.) Bush. (50 lbs.), \$3.50; 10 bushels and upwards, @ \$3.40.

Hungarian. The quickest of catch crops for hay; may be sown up to August. Valuable when hay is short, or to follow other crops. Crop almost a failure; price on application.

Japanese. Sow 15 lbs. per acre. (See page 83.)

Lb., 15c.; 10 lbs., \$1.20; 100 lbs., \$10.00.

Pearl. Sow 8 lbs. per acre. Not as hardy as other Millets, but enormous cropper. Lb., 25c.; 100 lbs., \$20.00.

OATS. Sow 3 bush. per acre. Those marked (*) are Side Oats.

***Long's White Tartar.** (See page 82.) Peck, 70c.; bush. (32 lbs.), \$2.10; 10 bush., @ \$2.00; 100 bush., @ \$1.90. (See engraving.)

Clydesdale, Henderson's. (See page 82.) Peck, 80c.; bush. (32 lbs.), \$2.75; 10 bush., @ \$2.65; 100 bush., @ \$2.55.

Early Newmarket. (See page 82.) Bush. (32 lbs.), \$2.10; 10 bush., @ \$2.00; 100 bush., @ \$1.90.

Probsteler. A leading white Oat, productive and heavy; strong straw. Bush. (32 lbs.), \$2.00; 10 bush., @ \$1.90; 100 bush., @ \$1.80.

***Black Tartarian Imported.** Early and most prolific; straw long and strong. Bush. (32 lbs.), \$2.75; 10 bush., @ \$2.65.

***Storm King.** (See page 82.) Bush. (32 lbs.), \$2.75; 10 bush., @ \$2.65; 100 bush., @ \$2.55.

Swedish Select. Recommended by the U. S. Dept. of Agriculture. Strong grower, grain short, plump and heavy. Bush. (32 lbs.), \$2.10; 10 bush., @ \$2.00; 100 bush., @ \$1.90.

***White Russian.** Large, heavy, plump grain; stools freely, strong straw. Bush. (32 lbs.), \$2.10; 10 bush., @ \$2.00; 100 bush., @ \$1.90.

Winter or Turf Oats. For fall sowing; hardy as far north as Pennsylvania. Peck, 50c.; bush. (32 lbs.), \$1.75; 10 bush., @ \$1.65.

PEAS, Field, for Fodder and Green-Manuring. Sow 3 bush. per acre. (See page 84.)

Canada White. Valuable for sowing North. Peck, \$2.25; bush. (60 lbs.), \$8.00; 10 bush., @ \$7.90.

HENDERSON'S Tested Farm Seeds

(Continued)

For full description see HENDERSON'S FARMERS' MANUAL, sent post free on request



LONG'S WHITE TARTAR OATS



GOLDEN OR GERMAN MILLET

PEAS—Continued.

Canada Blue. Valuable for sowing North. (Price on application.)

Cow Peas, Black Eye. Sow 2 bush. per acre. After May 1st, for green summer feeding and plowing under. Bush. (60 lbs.), \$10.00; 10 bush., @ \$9.90.

Cow Peas, New Era. An extra-early variety adapted for late planting. Bush. (60 lbs.), \$9.00; 10 bush., @ \$8.90.

POTATOES. (See pages 56, 57 and 73.)

PUMPKIN. (See page 74.)

RAMIE. Grown for the long, silky, strong fibre; used for Ramie cloth, etc. \$1.00 per oz.; \$12.00 lb.

RAPE, Dwarf Essex. Sow 2 to 3 lbs. per acre. (See page 73.) Lb., 30c.; bush. (50 lbs.), \$13.00; 100 lbs., \$25.00.

RUTA BAGA, or RUSSIAN TURNIP. Sow 2 to 3 lbs. per acre.

Improved American Purple Top. The popular standard for stock-feeding; hardy; productive; good keeper; yellow flesh. Lb., \$3.00.

Henderson's Long Island Improved. Bred from American Purple Top; nearly double in size; a big yielder and good keeper; flesh yellow. Lb., \$3.00.

Large White French, Sweet German or Rock. A white-fleshed variety of large size. Lb., 2.50. (For other Turnips, see pages 64 and 76.)

RYE. Sow $1\frac{1}{2}$ bush. per acre.

Spring. An excellent catch crop for fodder or grain. Bush. (56 lbs.), \$4.00; 10 bush., @ \$3.90.

Winter. The variety commonly cultivated for grain, straw, green fodder, etc. Bush. (56 lbs.), \$3.50; 10 bush., @ \$3.40.

Winter, Invincible (New.) A great improvement on the older varieties at present in cultivation. Price, \$1.50 per peck, \$5.00 bush. of 56 lbs.; 10 bush. lots, \$4.90 bush.

Winter, Excelsior. A Vermont Rye, yielding 40 to 50 bushels per acre. Bush. (56 lbs.), \$4.25; 10 bush., @ \$4.15.

Winter, Thousandfold. Heavy heading and productive; tall, strong straw. Bush. (56 lbs.), \$4.25; 10 bush., @ \$4.15.

Winter, Giant. Big yielder of plump, heavy grain; straw of plant length and strength. Bush. (56 lbs.), \$4.50; 10 bush., @ \$4.40.

SAINFOIN. Sow 3 to 4 bush. per acre. An excellent and nutritious fodder plant for light, dry, sandy or gravelly soils. Crop failed.

SORGHUM, or SUGAR CANE. Sow 8 to 10 lbs. per acre.

Early Orange. Valuable for green fodder; of large, heavy growth, but later than Amber. Lb., 14c.; 100 lbs., \$10.00.

Early Amber. Productive and nutritious forage plant, yielding several cuttings in a season. Earlier than Orange; may be grown in Northern States. Lb., 14c.; 100 lbs., \$10.00.

SUNFLOWER.

Mammoth Russian. Sow 4 lbs. per acre. Very productive, large heads of large seeds. Valued for feeding fowl. Lb., 16c.; 100 lbs., \$12.00.

TEOSINTE. Sow 6 to 8 lbs. per acre. Resembles Corn, but more leafy and tillers enormously; fine for green fodder. $\frac{1}{4}$ lb., 25c.; lb., 80c.

TOBACCO.

Primus. The earliest of all; succeeds well even as far north as Canada. Pkt., 10c.; oz., 25c.; $\frac{1}{4}$ lb., 80c.

Zimmer's Spanish. The earliest and best American-Spanish, and a favorite cigar variety, increasing in demand and culture every year. Pkt., 10c.; oz., 30c.; $\frac{1}{4}$ lb., \$1.00.

Havana, Imported. Pkt., 10c.; oz., 60c.; $\frac{1}{4}$ lb., \$2.00.

Havana, Domestic. Pkt., 10c.; oz., 30c.; $\frac{1}{4}$ lb., \$1.00.

Sumatra, Domestic. Pkt., 10c.; oz., 60c.; $\frac{1}{4}$ lb., \$2.00.

Connecticut. Pkt., 10c.; oz., 25c.; $\frac{1}{4}$ lb., 80c.

Kentucky. Pkt., 10c.; oz., 25c.; $\frac{1}{4}$ lb., 80c.

Virginia. Pkt., 10c.; oz., 25c.; $\frac{1}{4}$ lb., 80c.

VETCH.

Spring Vetch, or Tares. Sow 2 bush. per acre. Species of Pea, grown for soiling, or sown with Oats for feeding green. Lb., 20c.; bush. (60 lbs.), \$9.00; 10 bush., @ \$8.90.

Winter or Sand Vetch. (See page 84.)

WHEAT, SPRING. Sow $1\frac{1}{2}$ bush. per acre. **Blue Stem (Beardless).** A favorite Wheat for spring sowing; vigorous and productive. Bush. (60 lbs.), \$5.00; 10 bush., @ \$4.90.

Marquis (Beardless). Enormously productive, hard, dark amber kernels; early. Bush. (60 lbs.), \$5.00; 10 bush., @ \$4.90.

WHEAT, WINTER. All standard sorts and new hybrids described in Henderson's "Wheat Circular," (ready in August and sent free on application). Orders booked now for fall delivery.

WILD RICE. (*Zizania Aquatica*.) Attracts wild fowl; grows in shallow waters with mud bottom. As seed is not successful, we recommend plants which we can forward in May @ \$1.00 doz.; \$7.00, 100.

HENDERSON'S FLOWER SEEDS

Probably no outdoor occupation gives so much pleasure as the cultivation of flowers from seed. Starting with the tiny grains of seed, placing them carefully in suitable soil, watching the conditions of air and moisture while the seeds are hidden below the ground, and the gradual unfolding of the tiny seedling, and later the miraculous development of leaf, stem and branch until finally the fully grown plant bursts into glorious flower; this is the pleasure awaiting one who grows flowers from seed.

ANNUAL FLOWER SEEDS

These complete the cycle of their existence, growing from seed to seed in one year. Many sorts require to be sown in some sheltered situation such as a greenhouse, cold frame, or window box about a month before they may be planted outdoors. This is necessary not only on account of their tenderness, but also because they need more time for development, and by sowing thus early, the growing season is proportionately prolonged. Others may be sown where they are to stand, in which case they require careful attention for the first few weeks.

Annuals offer a large field for selection, embracing plants of all kinds, from the modest Sweet Alyssum to the gorgeous Salvia, the majestic Ricinus, and dainty Cosmos. They are found in every conceivable shade of color, and are adaptable for growing as single specimens, or planting for large effect in clumps or masses, while others are well suited for making borders.

While there is no class of plants that will survive better under rigorous conditions, yet in order to achieve the best results they should be planted where they can obtain ample sunlight, and may be easily watered.

It is almost needless to urge the importance of careful weeding, as weeds usually grow more rapidly than the seedlings. If the rows are carefully marked when sown it will be easy to distinguish the weeds.

A continuity of bloom may be secured by occasional sowings of many sorts, such as Eschscholtzia, Sweet Alyssum, Phlox, Zinnia, etc. In the latitude of New York these sowings may be made as late as June 15th.

The great value of annuals is greatly enhanced by the fact that an effectual display may be secured for a very modest outlay, many of the most attractive sorts being sold in 5c. and 10c. packages.

PERENNIAL FLOWER SEEDS

The great charm of Perennials lies in their permanence. Once established they are a constant source of pleasure, and among the most interesting plants in our gardens, presenting a variety of form and color so great as to fit them for almost every conceivable purpose in the garden. Some may be made to thrive under most unkind conditions, while others require skillful cultivation.

Many plants of this class, notably Antirrhinums, have been so greatly improved by hybridization during recent years, that they may now be had in varying height, and in almost every shade of color.

A very large proportion of the Perennial plants that may be grown from seed have great value as cut flowers, because of their great substance, which enables them to stand up well long after cutting.

Notwithstanding their individual charm, they are most effective when planted in a mixed border, where by arranging them according to height, color and season of flowering, an attractive display may be had from the earliest days of spring, all through the summer, and even after the first frosts herald the approach of winter. And so, week by week, as sure as the season revolves such a border will present new charms and revive old ones, the beauty of it growing with ever-increasing interest.

Perennials are generally raised from seed sown from early spring to about August 1st, in the latitude of New York.

Treated thus, they make strong plants which may be planted in a permanent situation early enough in the fall to enable them to winter safely.

In some instances plants will flower the first year from seed if sown quite early, but nearly all require a year to reach their full development.

Henderson's Flower Seed Collections

HENDERSON'S "GARDEN BEAUTIFUL" COLLECTION OF ANNUAL FLOWER SEEDS FOR GARDENS, BEDS, BORDERS, ETC.

(Sown in the spring these rapidly attain perfection and flower the same season.)

25 Kinds, Enumerated Below, \$1.00, } Mailed Free
or the 12 Kinds Prefixed X for 50c. }

- Ageratum, Blue Perfection. Compact bushes, 8 inches high, blue flowers.
- X Alyssum, Little Gem. An improved white Sweet Alyssum.
- X Aster, Giant Comet, Double, Mixed Colors. One of the best Asters.
- Calliopsis, Golden Wave. Large golden flowers, freely produced.
- Candytuft, Empress. Hyacinth-like spikes of white flowers.
- Celosia, Ostrich-Plumed, Mixed. Brilliantly showy, free-flowering.
- X Cosmos, Giant-Flowering, Mixed. Fall-flowering, fine and showy.
- X Dianthus, Double Diadem Pinks. Various colors, edged and marbled.
- Eschscholtzia, Golden West. Large-flowering California Poppies.
- Hollyhock, Henderson's Annual Ever-Blooming, Mixed Colors.
- Larkspur, Giant Hyacinth-Flowered, Mixed Colors. Large, showy spikes.
- X Marigold, Pride of the Garden, Mixed Colors. Improved African Marigolds.
- X Mignonette, Bird's Mammoth. Long, large spikes of fragrant flowers.
- X Nasturtium, Giant-Flowering Tom Thumb. Large flowers of various colors.
- X Pansy, Bedding, Finest Mixed. Large flowers of many beautiful colors.
- Petunia, Large-Flowering, Single, Mixed Colors. Blotched, striped.
- X Phlox Drummondii, Large-Flowering Mixed. Improved varieties.
- X Poppy, Giant Double, Brilliant Mixture. Immense flowers, very showy.
- Portulaca, Double, Mixed. Showy for edgings or low beds.
- Salvia Bonfire. Improved Scarlet Sage, compact and bushy, vivid scarlet.
- Scabiosa Maxima, Double, Mixed Colors. Large-flowering Sweet Scabious.
- X Stocks, Large-Flowering Dwarf, Double, 10 Weeks, Mixed Colors.
- Sunflower, "Cut-and-Come-Again," Mixed. Bushy plants. 3 to 4 feet.
- Verbena, Mammoth, Mixed. Large flowers of scarlet, white, blue, pink, etc.
- X Zinnia, Large, Double, Mixed Colors. Immense double flowers.

THE HENDERSON COLLECTION OF SEEDS OF CLIMBING ANNUALS

(Sown in the spring these rapidly attain perfection and flower the same season.)

12 Kinds, Enumerated Below, 50c., Mailed Free

- Balloon Vine. White flowers, succeeded by balloon-like seed pods. 10 feet.
- Canary-Bird Vine. Yellow butterfly-like flowers. 15 feet.
- Cobaea Scandens. Beautiful climber, large bell-shaped, rich blue flowers. 20 ft.
- Cypress Vine, Mixed. Feathery foliage, star-shaped flowers, red, white, etc. 15 ft.
- Dolichos, Giant Crimson. Wistaria-like clusters of crimson flowers. 10 feet.
- Humulus, Japanese Variegated. Foliage striped silver and green. 20 feet.
- Mina Lobata. Luxuriant climber, with clusters of blood-red flowers. 20 ft.
- Moon Flower Vine. Luxuriant vine, with immense white flowers. 50 to 75 ft.
- Morning Glories, Imperial Japanese, Mixed. Magnificent colors. 30 feet.
- Nasturtium, Giant-Flowering, Climbing, Mixed Colors. New colors. 10 ft.
- Sweet Peas, Giant Spencer, Mixed. The finest strain; no dull colors. 10 ft.
- Thunbergia, Mixed Colors. Charming, neat vine, flowering freely. 6 feet.

HENDERSON'S "GARDEN BEAUTIFUL" COLLECTION OF HARDY PERENNIAL FLOWER SEEDS FOR GARDENS, BORDERS AND GROUPS

(These flower from seed the second year and thereafter.)

25 Kinds, Enumerated Below, \$1.00, } Mailed Free
or the 12 Kinds Prefixed X for 50c. }

- Achillea, The Pearl. Double white flowers, borne profusely in summer.
- X Alyssum Saxatile Compacta. Spring-blooming, hardy yellow. Alyssum.
- X Aquilegia or Columbine, Large-Flowering Hybrids. Beautiful new colors.
- X Asters, Hardy, Large-Flowering Hybrids. Improved Michaelmas Daisies.
- Canterbury Bells, Calycanthema, Mixed. The "Cup and Saucer" type.
- Candytuft, Gibraltica. Rose and white hardy Candytuft.
- Carnation, Hardy Garden, Mixed Colors. Double fragrant flowers.
- X Coreopsis Lanceolata, Harvest Moon. Large golden-yellow flowers.
- X Delphinium, Large Single Hybrids, Mixed Colors. Perennial Larkspurs.
- Dianthus Plumarius, Double Mixed. The Pheasant's Eye or Grass Pinks.
- X Digitalis Gloxinoides, Mixed. The finest strain of Foxglove, various colors.
- Gaillardia Grandiflora Maxima, Mixed. Flowers red, yellow, etc.
- X Hollyhock, Extra Choice Double, Mixed Colors. Many beautiful colors.
- Lobelia, Hardy Hybrids, Mixed. Improved types of the Cardinal Flower.
- Pentstemon, Finest Mixed. Large Foxglove-like flowers of brilliant colors.
- X Phlox, Hardy Large-Flowering Hybrids, Mixed. Heads of large flowers.
- Platycodon Mariasi, Mixed Colors. Compact bushes with bell-shaped flowers.
- X Poppy, Hardy Oriental Hybrids, Mixed. Immense flowers, 6 inches across.
- Pyrethrum, Large-Flowering Hybrids, Mixed. Single Daisy-like flowers.
- X Scabiosa Caucasica. Saucer-shaped flowers, of lovely light blue.
- Stokesia Cyanea. The hardy Cornflower Aster, blue flowers, 4 inches across.
- X Sweet Rocket, Mixed Colors. Fragrant purple or white flowers.
- X Sweet William, Large-Flowering, Single, Mixed. Rich colors.
- Tritoma Uvaria Grandiflora (Red-Hot Poker). Spikes of fire-red flowers.
- Wall-Flower, Double Large-Flowering, Mixed Colors. Fragrant flowers.

THE HENDERSON COLLECTION OF SEEDS OF HARDY CLIMBING PLANTS

(For permanent positions; flowering after the first year.)

8 Kinds, Enumerated Below, 50c.

- Ampelopsis Veitchii. The Japanese or Boston Ivy, clings to walls, etc. 30 ft.
- Aristolochia Siphio. Dutchman's Pipe Vine, luxuriant climber. 30 feet.
- Asparagus Verticillatus. Feathery foliage, scarlet berries. 10 feet.
- Bignonia Grandiflora. Trumpet Creeper clusters of orange-red flowers. 40 ft.
- Clematis Paniculata. A mass of white star-like flowers in autumn. 30 feet.
- Kudzu Vine. Grows rapidly; Pea-shaped, purple flowers. 40 to 50 feet.
- Lathyrus Latifolius, Mixed Everlasting Pea. Sweet Pea-like flowers. 6 to 8 ft.
- Wistaria Sinensis. Pendant clusters of blue flowers. 25 to 40 feet.



HENDERSON'S INVINCIBLE ASTERS
GROWN BY J.T. ZIKA, LAKEWOOD, OHIO

HENDERSON'S INVINCIBLE ASTERS

SHOWN IN COLORS ON THE OPPOSITE PAGE

"They are Royally Grand" The Largest and Most Beautiful of all Asters

Henderson's Invincible are the latest and highest achievements in China Asters, a superior race in every way. The plants are of very healthy, robust, branching growth, about 2 feet high—though under best culture often 3 feet—producing, on long stems, massive Chrysanthemum-like flowers of perfect form and graceful outline, and are exceedingly double to the very center. The flowers are the most beautifully formed of all large Asters. The petals are of thick, durable substance, and, in consequence, the flowers last long in perfection. These Asters are wonderfully prolific and continuous bloomers from summer until frost. When grown in masses in garden borders, or grouped in beds, their decorative effect is unapproachably gay and enlivening. When well grown the flowers of Henderson's Invincible Asters average $3\frac{1}{2}$ inches across; 4-inch flowers are quite common, and if grown especially for cut flowers, the side branches pruned, allowing a plant to carry not over 8 or 10 flowers, one flower to a stem, their size will then be enormous, measuring $4\frac{1}{2}$ and 5 inches across. These magnificent blossoms, being gracefully poised on strong, well-leaved stems 15 to 18 inches long, resemble large-sized Chrysanthemums, and are unsurpassed as cut flowers for vases and home decoration.

We have received many enthusiastic letters of praise from our patrons regarding these Asters—some of whom have been fortunate enough to capture prizes with them at local exhibitions, flower shows, etc.

HENDERSON'S INVINCIBLE ASTERS.

	Price—Pkt. of 100 seeds.	Per 1,000 seeds
Pure White. Purest snow-white.....	15c.	75c.
Pearl-pink. Exquisite blush and shell-pink..	15c.	75c.
Deep Pink. Lively warm rose-pink.....	15c.	75c.
Lavender. Charming silvery-lavender.....	15c.	75c.
Deep Blue. Bright indigo-blue.....	15c.	75c.
Violet-purple. Rich velvety purple.....	15c.	75c.
Carmin-rose. Bright rosy-carmin.....	15c.	75c.
Crimson-brilliant. Rich bright red.....	15c.	75c.
Henderson's Invincible Asters, Mixed Colors	15c.	60c.

Henderson's Collection of Invincible Asters, 1 pkt. each of the above 8 varieties and shown in colors on the opposite page, for \$1.00 postpaid. Customer's Collection of any 2 pkts. for 25c., 4 pkts. for 50c.

Patrons Praise Henderson's Invincible Asters

"In the pictures above you will see my famous Aster beds grown from your seeds. Henderson's Invincible and also some Giant Comet. The beds are 4 feet wide and the full length of the lot on three sides. They were the admiration of hundreds of visitors, and I sold some of the choice blossoms at \$2.00 per dozen, others at \$1.50 and \$1.00. The largest Invincible Aster I grew measured 6 inches in diameter and there were plenty that measured 5 inches in diameter.

All who have seen my Asters say that they are the largest and finest ever seen near Cleveland.

"In the picture above I am holding two beautiful Invincibles 5 inches wide and showing no centers. The stems are 36 inches long."

JOS. T. ZIKA, Lakewood, O.

"I am sending for some more Invincible Aster seed. They are surely the best that I have ever seen, and were the admiration of everyone."

ARTHUR H. HANSEN.

R. F. D. 2, Box 6, East Stanwood, Wash.

"The Invincible Asters grown from your seed last season were the finest I ever grew. I secured First Premium at our local county fair."

ED. H. STATES.

Feb. 7, 1917. 305 E. Liberty St., Punxsutawney, Pa.

"The Invincible Asters I raised last year from your seed produced the most beautiful flowers I ever saw and lots of them."

Miss MARY L. BROWN.

May 24, 1917. 35 High St., Saxonville, Mass.

"I must write just a line to tell of your Invincible Asters. They were almost as large and as beautiful as Chrysanthemums, with stems 3 feet long."

Mar. 2, 1917. N. THOMPSON, 513 W. Cook St., Portage, Wis.

"I must tell you that I have had wonderful success with your Invincible Asters this year, and I am going to order now two ounces of your White Invincible and one ounce each of the other colors."

Aug. 27, 1917. O. DELVIGNE, R. F. D. Box 50, Barcroft, Va.

"I planted the Invincible Aster seed I received from you. I had never before raised Asters from seed, had always bought the plants by the dozen. Well last year my seeds grew and I attended them carefully and I had a bed of Asters such as I never saw before. For size, color and quantity of blossoms they were wonderful. Automobiles passing would most always stop to admire them."

Mar. 30, 1917. Mrs. J. W. BILLINGS, Royalston, Mass.

"I had great results in 1916 from your Invincible Asters. In this far Northern City they grew to perfection and we had cuttings from late blooms until October."

Rev. J. W. McINTOSH,

St. Paul's Manse, Prince Albert, Sask., Cda.

Feb. 27, 1917. "Last year your Invincible Asters grown from seed either two or three years old gave wonderful results, and were much admired by all visitors to my garden. I made ten entries of Asters at the Montreal West Show and secured seven first and three seconds."

C. D. SCHNEBLY,

252 Ballantyne Ave., N., Montreal, Cda.

Mar. 13, 1917. "I find your Invincible Asters superior to any variety I have ever planted."

Mrs. J. WILLARD GAULDING,

Mar. 14, 1917. 470 S. Main St., Tifton, Ga.

HENDERSON'S GARDEN GUIDE and RECORD answers the 101 perplexing questions, and gives much information about gardening **FREE** with orders of \$2.00 or over if asked for. See page 3.



HENDERSON'S INVINCIBLE ASTERS

SEE
OPPOSITE PAGE

BELL-FLOWERED
COLUMBINEHENDERSON'S AMERICAN HYBRID
LONG SPURRED AQUILEGIA

HENDERSON'S American Hybrid Long Spurred AQUILEGIA OR COLUMBINE

Aquilegias or Columbines, are among the most beautiful of hardy spring and early summer flowers, and unlike many perennials the best varieties are produced from seed. They are very effective when growing in the herbaceous border and make charming specimens for vases and table decoration. Our American Hybrid Long-spurred varieties are probably the most popular, but the new Bell Flowered variety shown in colors on this page, will also be much appreciated. It is offered in mixture only and will produce a mass of delightful color. $1\frac{1}{2}$ to 3 feet high.

Henderson's American Hybrid Columbine. The highest perfection attained in the development of this favorite flower. The plants are extremely robust with large handsome foliage; the flower stems often 40 inches in height carry magnificent clusters of immense long-spurred, single flowers which last a long time in bloom. The colors are superb, including rich shades as well as many new and delicate tints; pure white, blue and white, pure yellow, pink with yellow corolla, red with orange corolla, cerise, purple, rose and white, salmon, lavender, mauve, etc., etc. The large, unique, long-spurred flowers, gracefully hung on long stems, are not only brilliantly effective on the plant, but equally as desirable when cut for vase and house decoration. *Pkt. 15c.*

Double-flowering, Long-spurred Hybrids. Beautiful long-spurred, large, double flowers, formed of several rows of cornucopia-like petals and in various shades of yellow, lavender, blue, indigo and white. *Pkt. 25c.*

Bell-flowered Columbine. (*Aquilegia Clematiquilla*.) A beautiful new spurless type producing freely large open bell-shaped flowers of many beautiful colors, shades and combinations of colorings including sky blue, pink, deep blue, purple, violet, lavender, white, flesh, rose, maroon, salmon, etc., in mixture. *Pkt. 25c.*

Chrysanth. The beautiful long-spurred yellow variety. *Pkt. 10c.*

Cœrulea Hybrida. Long spurred flowers of white and blue. *Pkt. 10c.*

Cœrulea Candidissima. A new pure white variety of above. *Pkt. 15c.*

Single, Large-flowering, Mixed Colors. *Pkt. 5c.*

Customer's Collection of Aquilegia. Any three 10c. pkts. selected 25c., or any two 15c. pkts. 25c.

"You certainly have the finest Columbines of any of the seed houses I know."

Mrs. LOUIS J. MILLER, Huntingdon, Pa.



AQUILEGIA

Crego's Giant Comet Asters

ALSO KNOWN AS ASTERMUMS AND MAMMOTH OSTRICH PLUME ASTERS

These truly grand Asters win enthusiastic admiration from all who see them. They are a highly developed American type of the German Comet, Hohenzollern or Mammoth Ostrich Plume Asters and are far superior to imported strains. The flowers are of immense size, 4 to 5 and often 6 inches across, composed of long, wavy, twisted petals, gracefully formed into loose, yet densely double, half-globes, equalling some of the finer Ostrich Plume Chrysanthemums. The plants, of luxuriant branching growth, attain a height of 18 inches to 2 feet, each plant bearing from 20 to 30 of these magnificent flowers on very long stems, which gives them an added value for cutting and vasing.

CREGO'S

GIANT COMET ASTERS

Customer's Collection—Any three 10c. pkts. selected for 25c.

	Price per 1,000 seeds	Per Pkt.
White.....	60c.	10c.
Rose-pink.....	60c.	10c.
Shell-pink.....	60c.	10c.
Crimson.....	60c.	10c.
Violet-purple.....	60c.	10c.
Azure-blue.....	60c.	10c.
Lavender.....	60c.	10c.
Mixed Colors.....	50c.	10c.
Complete Collection, 7 varieties,	55c.	

"Your Comet Asters were the finest I had last year. Very large with long stems. I sold bunch after bunch."

T. HEO. C. PARKER,

Jan. 23, 1917. W. Long Branch, N. J.

"Have raised some very fine Comet Asters from your seed."

Miss A. L. EDWARDS,

Feb. 6, 1917. Drain, Ore.

"I am sending in this order for my neighbor. He came in yesterday and asked me to send this order for him and said he had never seen such fine Asters as we raised last year."

Mrs. N. THOMPSON,

Mar. 12, 1917. 513 W. Cook St., Portage, Wis.

"For Sunday, September 24th, I sent to our church over 125 most beautiful Comet Asters from your seed. Everyone said they never saw such a beautiful showing of flowers in any church."

Capt. C. E. K. BAXTER,

Oct. 31, 1916. R. F. D. 1, Box 327, Seattle, Wash.

To every purchaser of ASTER SEED we will send FREE, if requested, our leaflet "Latest and Best Methods of Growing Asters," which tells how to grow them to perfection both in garden beds and for cut flowers.

Imperial Bedding or "Daybreak" Asters

THE BEDDING ASTERS PAR-EXCELLENCE FOR AMERICAN CONDITIONS

These comparatively new Asters—made in America—are midsummer flowering varieties, healthy and vigorous in growth, of upright bushy habit and very profuse bloomers—veritable bouquets of flowers—and in consequence are unrivalled for bedding. The flowers—borne on good long, stiff stems—are so very double as to appear almost like balls. The petals, short and narrow, are slightly folded and of durable lasting substance. While splendid as cut flowers, it is as the bedding Asters—par excellence—for our American climate and conditions, that the Imperial Asters are especially recommended.

	Per 1,000 seeds	Per Pkt.
Imperial Daybreak. An exquisite shade of shell-pink.....	60c.	10c.
Imperial Purity. Pure snow-white.....	60c.	10c.
Imperial Bluebird. Lively bright blue.....	60c.	10c.
Imperial Salmon. A lovely shade of pinkish-salmon.....	60c.	10c.
Imperial Violet. Rich dark violet-purple.....	60c.	10c.
Imperial Yellow. Soft lemon-yellow.....	60c.	10c.
Imperial Rose. Bright silvery-rose color.....	60c.	10c.
Imperial Lavender. A delicate shade of pale lavender.....	60c.	10c.
Imperial Mixed Colors.....	50c.	10c.

Customer's Collection of any three 10c. pkts. for 25c.
Henderson's Collection of Imperial Asters, above 8 separate varieties, 60c.

CUSTOMER'S COLLECTION

Any three 10c. pkts. or any two 15c. pkts. selected for 25c.



Take it out in the Garden It Answers Questions. Henderson's Garden Guide and Record, Free with orders of \$2.00 or over, when asked for. See page 3.

SEMPLE'S LATE-FLOWERING ASTERS

Superior late-flowering Branching Asters. The flowers are large, very double and borne on long stems. They begin blooming about the first of September. Plants strong growers, 18 inches to 2 feet high.

White.....	Per 1,000 seeds, 50c.;	Pkt. 10c.
Lavender.....	" " " 50c.;	10c.
Purple.....	" " " 50c.;	10c.
Crimson.....	" " " 50c.;	10c.
Shell-pink (Mary Semple).....	" " " 50c.;	10c.
Mixed Colors.....	" " " 50c.;	10c.

Customer's Collection of Semple's Asters—Any three 10c. pkts. for 25c.
Henderson's Collection of above 5 separate sorts, 40c.

LATEST OF ALL ASTERS—AUTUMN GLORY

Autumn Glory. This is a most welcome addition to our garden Asters for it is the latest of all—thus lengthening the Aster season by at least two weeks, coming into bloom just after all other late varieties have passed their prime. The plant is a large, strong grower, bearing immense double pure deep shell-pink flowers of lasting substance on long stems.....Pkt. 15c.

EXPRESS COMET Extra-Early
Hohenzollern ASTERS

Early flowering Comet Asters of great merit, not only for garden purposes, but of even more value for early cut flowers. Extra-early flowering have heretofore been produced at the expense of either size, doubleness, substance or length of stem, but the Express Comets are nearly as good as later-flowering sorts and come into bloom in the open ground with us by the middle of July. They are the largest early Asters of which we know, flower $3\frac{1}{2}$ to 4 inches across, of double Comet type; splendid substance and long stems; plants healthy and sturdy, branching habit; 18 inches high; free bloomers.

Per 1,000 seeds Per Pkt.

Crimson.....	60c.	10c.
Pure White.....	60c.	10c.
Dark Blue.....	60c.	10c.
Azure-blue.....	60c.	10c.
Rose-pink.....	60c.	10c.
Mixed Colors.....	60c.	10c.

Customer's Collection of any three 10c. packets selected for 25c.

Henderson's Collection of Express Comet Asters, 1 packet each of 6 separate colors, 45c.

IMPROVED PEONY PERFECTION ASTERS

A giant-flowering type of this favorite class; thrifty, upright growers $1\frac{1}{2}$ to 2 feet high, producing abundantly immense double flowers (4 inches across) and almost perfectly round, with incurved petals. Finest Mixed Colors.

Per 1,000 seeds 50c. Pkt. 10c.

"QUEEN OF THE EARLIES" ASTERS

(Queen of the Market.) Valuable on account of their extreme earliness and for cutting; plant 12 inches high; medium-sized double flowers on long stems.

White.....	Per 1,000 seeds, 50c.;	Pkt. 10c.
Indigo-blue.....	" " " 50c.;	10c.
Crimson.....	" " " 50c.;	10c.
Rose-pink.....	" " " 50c.;	10c.
Mixed Colors.....	" " " 50c.;	10c.
Collection of above 4 separate colors.....	" " " 50c.	30c.

VICTORIA ASTERS

Magnificent flowers, double clear to the center, massive and showy, with regular overlapping petals. The flowers measure 4 to 5 inches across, and the colors include many extremely delicate and some gorgeous shades. The plants grow very evenly, about 18 inches high, and carry from 25 to 40 flowers on a plant. Perhaps the handsomest Asters, taken all in all, for size, color and profusion of bloom.

Pure White.....	Per 1,000 seeds, 60c.;	Pkt. 10c.
Sky-blue.....	" " " 60c.;	10c.
Scarlet.....	" " " 60c.;	10c.
Purple.....	" " " 60c.;	10c.
Peach-blossom Pink.....	" " " 60c.;	10c.
Carmine-rose.....	" " " 60c.;	10c.
Mixed Colors.....	" " " 50c.;	10c.

Customer's Collection of Victoria Asters—Any three 10c. pkts. selected for 25c.
Collection of 6 separate varieties..... 45c.

CUSTOMER'S COLLECTIONS OF ASTERS

For 25c. .Any three 10c. pkts. selected or any two 15c. pkts.

SOME BEAUTIFUL AMERICAN ASTERS

Sensation. Large, full, double flowers of most brilliant crimson on long well-leaved stems. Most effective for either garden decoration or cut and vased. The plants are good healthy growers of branching bush habit, 15 to 18 inches in height.....Pkt. 15c.

Mikado Rose. Great shaggy flowers composed of long, curled and twisted petals, resembling large Japanese Chrysanthemums. They are carried on long stems and so are good for cutting. Color deep brilliant rose. The plants are of spreading habit and bloom very early.....Pkt. 10c.

White Perfection. A fine new midseason Aster of tall, upright growth, carrying about twelve large long-stemmed pure white double flowers about 4 inches in diameter, of perfect form, the broad, slightly folded petals being arranged in whorled rows, suggestive of some Dahlias.....Pkt. 15c.

Pink Enchantress. A new Aster of upright growth, producing long-stemmed full double flowers of a lovely pink color.....Pkt. 15c.

Cardinal. Vivid cardinal-red, splendid bedder.....Pkt. 15c.

NEW ROYAL ASTERS

A beautiful class and the best of the early Mid-Season Asters. A little later than "Queen of the Earlies," but superior to the latter. The plants are of branching habit, about 2 feet high; the flowers being larger, very double, and the stems are longer, stronger and more upright in growth. The petals are broad and incurved or shell-shaped, giving the flower a charming and distinctive effect. They are vigorous and sturdy growers, branching from the base of the plants. Although early—Mid-Season Asters—they remain in flower a long time; the flowers being of splendid substance; splendid cut flower type.

Royal White.....	Pkt. 15c.
Royal Lavender.....	15c.
Royal Shell-pink.....	15c.
Royal Purple.....	15c.
Mixed Colors.....	15c.

Customer's Collection of Royal Asters—Any two packets selected, 25c.
Henderson's Collection of above 4 separate varieties, 50c.

KING ASTERS

An American type of distinctive beauty, unlike any other Asters grown. The plants are tall, strong growers with long stems crowned with massive double flowers 5 inches across, composed of long, narrow, straight petals folded lengthwise, which gives them a quilled appearance. The flowers are of great substance and last longer cut than any other Aster.

White King. Pure white.....	Pkt. 10c.
Lavender King. Rosy-lavender.....	10c.
Violet King. Purple-violet.....	10c.
Pink King. Rosy-pink.....	10c.
Crimson King. Rich crimson.....	10c.
Mixed Colors.....	10c.

Customer's Collection—Any three 10c. packets selected for 25c.
Henderson's Collection of King Asters, 1 packet each of the above 5 separate varieties, 40c.

Dwarf
CHRYSANTHEMUM-
FLOWERED ASTERS

Bushy plants, 9 inches high, bearing large perfectly double flowers, fine for either gardens or pot culture. Finest Mixed Colors.....Pkt. 10c.

LARGE SINGLE CHINA ASTERS

Single flowers are coming much in vogue among people of aesthetic tastes and those influenced by fashion's decree—beautiful but simple. This change of front from double to single has created a demand for large-stemmed large single China Asters which are of unsurpassed decorative effect when cut and vased. These Asters, of strong healthy growth, are profuse bloomers and are also showy garden plants.

White.....	Pkt. 10c.	Heliotrope.....	Pkt. 10c.
Rose-pink.....	10c.	Mixed Colors.....	10c.
Collection of above 3 separate colors.....	25c.		

HARDY ASTERS, NEW LARGE FLOWERING

These "Michaelmas Daisies" are splendid subjects for permanent positions in the herbaceous border, where they form large bushy clumps, $1\frac{1}{2}$ to 2 feet high, and are covered with clusters of large single flowers during the late summer months, forming one of the charms of the autumn garden.

Alpinus Goliath. Beautiful lilac with golden center.....	Pkt. 15c.
White Queen. Pure white single flowers of immense size.....	15c.
Mixed Colors. New large-flowering hybrids.....	10c.

To every purchaser of ASTER SEED, we will send FREE, if requested, our leaflet.

"Latest and Best Methods of Growing Asters,"

which tells how to grow them to perfection both in garden beds and for cut flowers

ACHILLEA, THE PEARL

A greatly improved variety of this old, hardy garden favorite *A. Ptarmica fl. pl.* The Pearl produces much larger and more fully double pure white flowers which are borne in large clusters on long stems. It grows about 2 feet high and is literally covered with these snowy blossoms from spring until frost. Splendid cut flower for vases. Although a perennial it will flower freely the first season if the seed is sown early. Pkt. 10c.

ACONITUM NAPELLUS (Monkshood)

Handsome, hardy herbaceous plant, throwing bold spikes of dark blue flowers in summer. Effective in hardy flower borders, shrubberies, etc.; height, 3 to 4 feet. Pkt. 10c.

ACROCLINIUM, Double Mixed

Free summer-flowering annual plants for garden decoration; the flowers dry as "Everlastings" for winter bouquets; Acrocliniums are also grown as pot plants for market in European cities—in full bloom the plants are showy and effective—and will stand a lot of abuse on account of the lasting quality of the flowers; 1 foot. Pkt. 5c.



LITTLE GEM
Sweet Alyssum

AGERATUM

Dwarf, compact-growing plants, 6 to 12 inches high, flowering freely throughout the season from spring-sown seed; splendid for bedding, edgings or pots.

Snowball. Large clusters of pure white flowers.

Per 1/4 oz., 25c. Pkt. 10c.

Blue Perfection. Large heads of deep amethyst-blue flowers; plant very even in growth, about 8 inches high.

Per 1/4 oz., 25c. Pkt. 10c.

Little Dorrit. New Ageratums; forming round compact plants; only about 6 inches high and literally a mass of flowers.

Little Dorrit White. . Pkt. 15c. **Little Dorrit Blue.** . . . Pkt. 10c.

Blue Star. A tiny and compact variety, only 4 to 5 inches high, densely covered with light blue flowers. . . . Pkt. 15c.

Customer's Collection of Ageratum—any three 10c. pkts. selected for 25c.

"I might add that I won first prize last summer in a flower garden competition in this town, and I give all honor for it to the magnificent plants I raised as a result of buying Henderson's Flower Seeds."

MISS A. L. EVANS, Lorne Ave., Trenton, Ont.

A Complete Flower Garden

Either for one season or permanent, may be had with Henderson's Collections of Annual or Hardy Perennial Flower Seeds. All are offered on page 87.



ACHILLEA
The Pearl

SWEET ALYSSUM

"Carpet of Snow" (*A. Compacta Procumbens*). This new variety is pure white and grows only 2 to 3 inches high, and flowers profusely; in fact, it is a perfect carpet of snow throughout the season. We have counted as many as 300 heads of pure white flowers open on one plant at one time. For edging and beddings this is a very satisfactory little annual. Per oz., 50c. Pkt. 10c.

Tom Thumb or Little Gem Sweet Alyssum (*A. Benthami Compactum Erectum*). One of the finest for edgings and low beds; 1/2 foot. Per oz., 40c. Pkt. 5c.

Maritimum. The well-known Sweet Alyssum; white flowers borne profusely; 3/4 foot. Per oz., 30c. Pkt. 5c.

"I am enclosing a small kodak picture of your Tom Thumb or Little Gem White Sweet Alyssum. I have been very successful with it even in the driest summers. I use it as a border to *Spirea Ulmaria* and *Hydrangeas*."

F. L. FORD, St. Joseph, Mo.

HARDY ALYSSUM, Saxatile Compacta

A beautiful dwarf hardy perennial for spring beds or edging a flower border. Popularly known as "The Basket of Gold." The flowers are produced in large clusters and are of a deep pure yellow; 3/4 foot. Pkt. 10c.

WILD GARDEN FLOWER SEEDS

Sow broadcast and rake in Henderson's Special Mixed Wild Garden Flower Seeds. Price, 15c. per oz.; 50c. 1/4 lb.; \$1.50 lb., postpaid.



AGERATUM, "LITTLE DORRIT"

HENDERSON'S GIANT
FLOWERING

Antirrhinums or Snapdragons

These modern hybrid Antirrhinums have been elevated by popular favor from the plebeian "Snapdragon" rank of common flowers to a higher level. This marked change in the general estimation is the direct result of the evolutionary improvement for the past few years that has made the Giant Flowering Antirrhinum race so highly satisfactory for gardens, bedding, borders, pot culture, for house decoration, forcing for winter cut flowers, etc. The plants are of healthy robust growth, with deep green foliage, free and continuous blooming, producing long, graceful spikes of immense and durable pure colored flowers, either rich and brilliant or soft and dainty, as may be selected. Their continuous-blooming qualities, ease of culture and independence of heat and drought, and pure, bright colors, should entitle them to a permanent place in gardens. Although perennials in the South they do splendidly when grown as annuals in the North; spring-sown seed produces flowering plants by July, which continue to bloom in increasing profusion until frost. The flowers are nearly double the size of the older sorts. An effective bed may be formed by planting the center with the tall varieties and the outer rows with the semi-dwarf, planted in a combination of separate colors the effect is very beautiful—although even a "Mixed" bed is a feast for the eyes; the plants should be placed 9 inches apart each way. Pinching out the tops—although it delays the beginning of flowering—forces the plants to branch low and ultimately gives better results.

TALL GIANT-FLOWERING ANTIRRHINUMS

Splendid luxuriant growers 2 to 3 feet in height—with long spikes of immense flowers—very graceful and beautiful cut for vases. (See engraving.)

Yellow Queen. Pure yellow.....	Pkt. 10c.	White. Pure snow-white.....	Pkt. 10c.
Orange-scarlet. White throat.....	Pkt. 10c.	Cottage Maid. Coral-pink, white	
Blood-red.....	Pkt. 10c.	throat.....	Pkt. 10c.
Venus. Delicate rosy-pink and		Mixed Colors. Per 1,000 seeds, 30c.,	Pkt. 10c.
blush.....	Pkt. 10c.		

Henderson's Collection Tall Giant Antirrhinums, 1 each of above 6 separate varieties, 45c.
Customer's Collection of Antirrhinums, any three 10c. packets selected for 25c.

SEMI-DWARF GIANT-FLOWERING ANTIRRHINUMS

A beautiful class extensively used in Europe for bedding. These semi-dwarf varieties produce as large flowers as the tall sorts, while the plants are of compact, bushy growth, only a foot high, and are completely enveloped with flowers throughout summer and fall. (See engraving.)

Albino. Cream, flushed-pink.....	Pkt. 10c.	Yellow.....	Pkt. 10c.
Picturatum. Blotched and spotted.....	Pkt. 10c.	Coral-rose.....	Pkt. 10c.
The Bride. Pure white.....	Pkt. 10c.	Mixed Colors. Per 1,000 seeds, 30c.,	Pkt. 10c.
Scarlet.....	Pkt. 10c.		

Henderson's Collection of Semi-dwarf Giant Antirrhinums, 1 each of above 6 separate varieties, 45c.

Customer's Collection of Antirrhinums, any three 10c. packets selected for 25c.

DOUBLE-FLOWERING ANTIRRHINUM

The plants bear long spikes of large Purple-red, lighted yellow and white flowers; between the upper and lower lips, fantastic petals emerge which give a doubled aspect to the flowers. About 50 per cent. will come true—the balance being large-flowering singles. Pkt. 15c.

WILD
GARDEN
FLOWER
SEEDS

A wild garden may be had in any suitable out-of-the-way place—meadow, brookside, hedge-row, fence corner, or back lot—by broadcasting and raking in Henderson's Special Mixed Flower Seeds for Wild Gardens, at the rate of 1 oz. per 100 square feet mixed with sand or dry soil for ease and evenness of distribution. Price, 15c. per oz., 50c. per 1/4 lb., \$1.50 per lb., postpaid.

Much about the "Garden Beautiful" in Henderson's Garden Guide and Record sent free with orders of \$2.00 or over if asked for.

AMPELOPSIS
VEITCHII "Boston Ivy" or
"Japan Ivy"

A valuable climber. Entirely hardy in the most exposed places, often attaining a height of 20 to 30 feet in two or three years from seed, clinging to stones, brick or wood work with the greatest tenacity. It is a great protection to walls, etc., as the leaves, lapping over each other, shed rain. For covering dead trees, gate posts, boundary walls, etc., it has no equal. In the summer the foliage is a rich shade of green, but in the fall it assumes the most gorgeous tints of scarlet, crimson and orange.

Per oz., 50c..... Pkt. 10c.
Henderson's Garden Plans and Suggestions is sent free if asked for when ordering.

CULTURAL INSTRUCTIONS ARE PRINTED ON ALL OF OUR FLOWER SEED PACKETS

ANCHUSA ITALICA

A. "Dropmore" variety. A fine, large, hardy, herbaceous plant; 4 to 5 feet high, with flowers of lovely Gentian blue.....Pkt. 15c.

ANEMONES

A. St. Brigid. These beautiful Irish Poppy-flowered varieties produce in abundance large single, semi-double and double flowers 3 to 5 inches across, in an endless variety of colors, from maroon and brightest scarlet to flesh-pink and from lilac to purple. Some are mottled, striped, ringed, etc. For cutting they are unsurpassed, and in the garden they flower until after frost; hardy perennials flowering from seed the second year and thereafter.....Pkt. 10c.
(For roots of St. Brigid Anemones see page 138.)



ARNEBIA CORNUTA

A charming annual, growing in bushy form about 2 feet high and about the same breadth. It blooms with profusion the whole summer. Beautiful flowers, $\frac{3}{4}$ of an inch across, of a rich primrose-yellow, marked with five black spots; the spots change on the second day to a rich maroon, and on the third day vanish, leaving the flower a clear, bright yellow. Pkt. 10c.

ARTEMESIA or "SUMMER FIR"

This ornamental foliage plant (*Saccorum viridis*) is an annual and owing to its fast growth reaches its full size the year of sowing. It forms pyramidal bushes 3 to 5 feet high. As a solitary plant it looks like a nicely developed Christmas-tree. It may be successfully grown in borders, similar to the Summer-Cypress (*Kochia trichophylla*). The color of the finely-pinnated foliage is rich dark green. Its resistance to draught and heat is remarkable. Cut branches last very long and may be used for wreaths, decorations, etc....Pkt. 10c.

ORNAMENTAL ASPARAGUS

Verticillatus. Hardy climber, with feathery foliage and scarlet berries: 10 feet.....Pkt. 10c.
Plumosus Nanus. Greenhouse climber with Fern-like foliage. Per 100 seeds, \$1.00.....Pkt. 25c.
Sprengeri. Decorative perennial for pots, vases, etc.; drooping chenille-like fronds 4 feet long. Per 100 seeds, 25c.....Pkt. 10c.

"The seeds I got from you last spring made one of the prettiest gardens in the town, and was very much admired."
Miss HARRIET W. GALBRAITH,
March 19, 1917. Mount Holly, N. J.



AMARANTHUS

These robust annuals, including "Love-Lies-Bleeding," "Joseph's Coat," etc., attain a height of from 4 to 6 feet; are very showy and effective garden plants.

Abyssinian. This giant "Love-Lies-Bleeding," has light green foliage, veined and shaded rose, and pendent chenille-like tassels of red, measuring up to 2 feet in length and borne in clusters. (See engraving.).....Pkt. 10c.

Aurora. The plant is clothed from ground to tip with long, arching leaves; colored rich green and bronze at the base; the foliage brightening toward the top into rose-yellow, red and green.....Pkt. 10c.

Caudatus. (Love-Lies-Bleeding.) Rapid-growing garden annual with long, drooping crimson flower spikes; height 3 feet.....Pkt. 5c.

Oriflamme. A strikingly showy new variety of branching, pyramidal growth about 5 feet high. It is well clothed with large leaves of glossy maroon while the central and side branches are all topped with bright scarlet leaves.....Pkt. 10c.

Customer's Collection of Amaranthus, any three 10c. packets selected for 25c.

ARCTOTIS GRANDIS

A handsome annual, branched plant about 2 to 2½ feet in height and breadth. Leaves whitish. The flowers are borne on long stems well above the foliage, are large and showy, 2½ to 3 inches across, pure white on the upper surface, with a yellow zone in the center; reverse of petals pale lilac. In bright sunlight the pure white of the ray florets contrasts beautifully with the light blue disc and white stamens. Of easy culture; flowers abundantly from early summer to autumn.....Pkt. 10c.

ARGEMONE

A. **Hybrida Grandiflora.** These new large-flowering "Prickly Poppies" form branching plants about 3 feet high and 18 inches across. The large, single, Poppy-like flowers are white, cream, primrose and yellow. They are borne freely and continuously all summer long; the thistle-like foliage is of a grayish-green with silvery ribs. They grow quickly and easily from seed, will thrive in any sunny situation and are particularly effective in the mixed flower border.....Pkt. 10c.

ARISTOLOCHIA SIPHO

Dutchman's Pipe Vine. Luxuriant, hardy climber; large-leaves, making dense shade; flowers yellow and brown; mottled and curiously shaped; 30 feet.....Pkt. 10c.

WE DELIVER FREE IN U. S. BY PARCEL POST OR EXPRESS AT OUR OPTION Vegetable and Flower Seeds by the pkt., oz. and quarter lb. Also Lawn Grass Seeds by the quart and peck



DOUBLE BALSAMS

These are the most perfect in form and largest in flower yet developed in this old garden favorite, which is among the showiest and most popular of summer garden annuals; height, 1½ to 2 feet.

The King. Glowing fiery-scarlet, large, full double flowers. Pkt. 10c.
The Queen. Deep rose-pink, large, double flowers; exquisite. 10c.
Prince Bismarck. Brilliant salmon-pink; large and double. 10c.
White Perfection. Large double white. 10c.
Extra Choice, Double Mixed. Containing many colors, spotted, blotched, striped, etc. Per 1,000 seeds, 50c. Pkt. 10c.
Customer's Collection of Balsams—any three 10c. pkts. selected for 25c.
Goliath Balsam, Mixed Colors. A new type of phenomenally robust growth, throwing up a main stem about 4 feet high, the lower half of which carries several candelabra-like side branches, all of which are well clothed with very large and very double flowers of charming colors. Per 1,000 seeds, 75c. Pkt. 10c.

BALLOON VINE

Rapid-growing annual climber, 10 to 15 feet; white flowers followed by balloon-like seed-pods. Pkt. 5c.

GOLDEN BARTONIA

Bartonia Aurea. Is a native of California, and one of our showiest annuals. It produces large single golden-yellow flowers which have quite a metallic lustre when the sun shines on them. A large cluster of yellow stamens adds to the effectiveness of the blossoms, which measure nearly 3 inches across, and are borne profusely all summer long, on bushy plants about 1 foot high. It succeeds best grown in masses so the foliage will shelter the ground from the hot sun. It will then thrive almost anywhere, but prefers a moist situation. Per 1,000 seeds, 25c. Pkt. 10c.



BEGONIAS Tuberous-Rooted Varieties

Magnificent flowering pot plants, and deservedly popular for garden bedding, flowering in the greatest profusion all summer. The individual florets will average from 2 to 3 inches in diameter, and are of various beautiful colors; height, 1 foot.

Single, Large-flowering, Mixed Colors. Pkt. 25c.
Double, Large-flowering, Mixed Colors. 35c.

A WILD FLOWER GARDEN

of great and interesting variety may be made in any suitable out-of-the-way place by sowing broadcast, and raking in Henderson's Special Mixed Wild Garden Flower Seed. Sow at the rate of 1 oz. per 100 square feet, mixed with sand for evenness of distribution. Price, 15c. per oz.; 50c. per ¼ lb., \$1.50 per lb., postpaid.

BEGONIAS Everblooming Fibrous Rooted Varieties

The Semperflorens (*Everflowering*) varieties of fibrous rooted Begonias offered below are unsurpassed bedding plants. Thriving equally well in partially shaded or sunny locations, flowering profusely throughout summer and fall—beds or edgings of these Begonias being a sheet of color continuously. As pot plants for winter flowering they are also superb; easily grown from seed.

Prima Donna. Splendid bushy plants, 10 inches high by 12 inches across. The flowers are unusually large, 1 to 1½ inches in diameter, and of charming rose color shading to carmine in center. Pkt. 10c.
Magnifica. A very striking bedding or pot plant, producing bright crimson flowers; dark bronze foliage, plants bushy and compact, about 10 inches high. Per 1,000 seeds, \$1.00. Pkt. 15c.
Vernon. Fine bedding and pot plant, 6 inches high; blood-red flowers in profusion. Per 1,000 seeds, 60c. Pkt. 10c.
Rex, Varieties Mixed. Ornamental foliage of red, gold, green, bronze, etc. Pkt. 25c.



BEGONIA EVERBLOOMING, VERNON

Take it out in the garden—It answers questions—HENDERSON'S GARDEN GUIDE AND RECORD, Free, with orders of \$2.00 or over. See page 3.

BELLIS or Double Daisy

Greatly improved varieties of the popular "Double Daisies." Admirably adapted for edgings, borders and low beds, and also well suited for growing in pots. Although perennials, they will flower the same season if the seed is sown early, though it is preferable to sow in fall, and winter the plants in cold frames. Height, 6 inches.

Longfellow. Extra large double rose-pink flowers. Per 1,000 seeds, 75c.; Pkt. 10c.

Snowball. Unusually large very double, pure white flowers. Per 1,000 seeds, 75c.; Pkt. 10c.

Red. Large, densely double flowers, glowing red, shaded rose. Per 1,000 seeds, 75c.; Pkt. 10c.

Double, Mixed Colors. Per 1,000 seeds, 75c.; Pkt. 10c.

Customers' Collection of Bellis, any three 10c. pkts. selected for 25c.

Monstrosa. These new "Double" Daisies surpass all strains of this popular hardy plant in strong robust growth and abundance of large bloom. Each plant produces 12 to 15 flowers that measure 2 to 3 inches across, carried on long strong stems. The flowers being so very double they produce but little seed.

Monstrosa Double White...... Pkt. 20c.

Monstrosa Double Rose...... Pkt. 20c.

BIGNONIA Grandiflora

The Hardy Trumpet Creeper, clusters of large orange-red flowers; picturesquely effective on arbors, old trees, etc.; 40 to 50 feet..... Pkt. 10c.

BOLTONIA Asteroides

Showy, hardy perennial, growing about 6 feet in height and producing during summer and autumn large, single white Marguerite-like flowers..... Pkt. 10c.

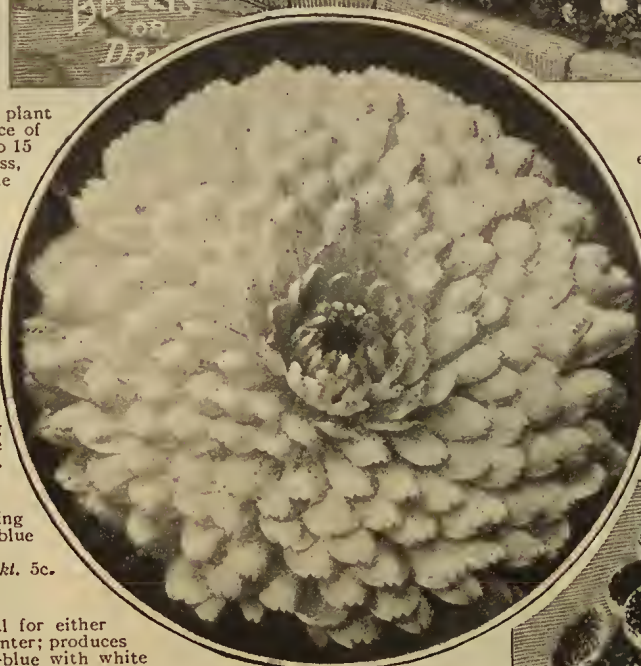
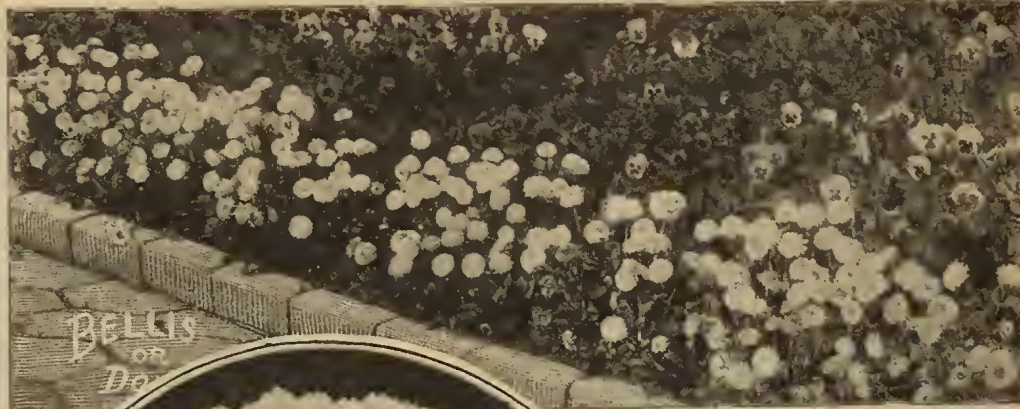
BRACHYCOME or Swan River Daisy

B. iberidifolia is a garden annual, making a compact bush, 8 inches high; single blue or white flowers in mixture.

Mixed Colors. Per 1,000 seeds, 35c.... Pkt. 5c.

BROWALLIA

Speciosa Major. Free flowering annual for either gardens in summer or pot culture in winter; produces flowers 1½ to 2 inches across, indigo-blue with white throat; 1 foot..... Pkt. 10c.



CALENDULA "ORANGE KING"

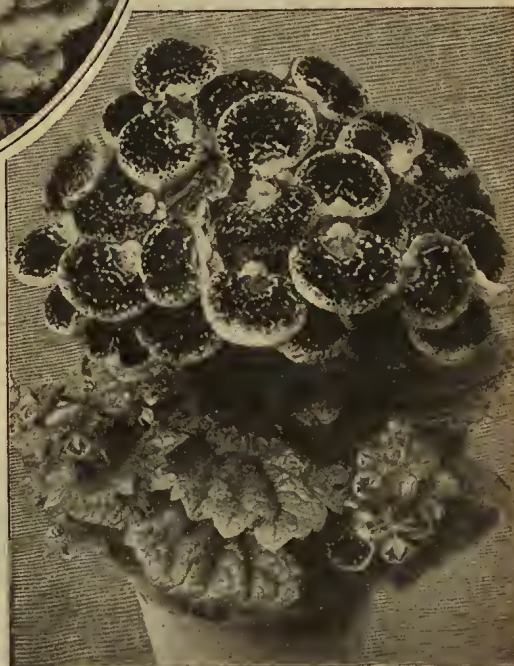
CALCEOLARIA

Large Flowering. A great improvement in these gorgeous plants for greenhouse and window decoration. The immense pocket-shaped flowers are borne in the greatest profusion through spring and summer; colors, yellow, maroon, crimson, white, etc., spotted and blotched in the most unique fashion; 1½ feet.

Large-flowering Spotted Varieties, Mixed...... Pkt. 25c.

New White Calceolaria, "Veitchi."

This most remarkable variety has pure milk-white flowers—an extraordinary departure from the usual conventional colors. This new hybrid is a true perennial greenhouse Calceolaria of strong, healthy, bushy growth—attaining a height of about 3 feet, and blooming abundantly the first season—and the second season the plant makes grand specimens, 4 to 5 feet high..... Pkt. 25c.



CALCEOLARIA

CALLIOPSIS LARGE-FLOWERING "KING"

One of the showiest and most easily grown of garden annuals. These new large-flowering sorts are great improvements; the plants form perfect little bushes about 10 inches high by 1 foot across, and are a perfect mass of bloom from early summer until cut down by frost. The flowers average nearly 2 inches across, and range through yellow, golden and crimson colors, usually with a garnet eye.

Golden King. Large golden blossoms, with dark eyes..... Pkt. 10c.

Crimson King. Rich dark crimson flowers..... Pkt. 10c.

King, Mixed Colors. Per Oz., 25c..... Pkt. 10c.

Drummondii or "Golden Wave." Compact, bushy plants, covered with golden blossoms 2 inches across, with small dark centers. Per Oz., 25c..... Pkt. 5c.

Star of Fire. (Novelty.) A brilliant Tom Thumb Calliopsis, only 12 inches high, covered with a mass of fiery-red, cactus-shaped flowers..... Pkt. 10c.

Customer's Collection of Calliopsis, any three 10c. pkts. selected for 25c.

Imported Collection of Calliopsis, 12 varieties...... 40c.

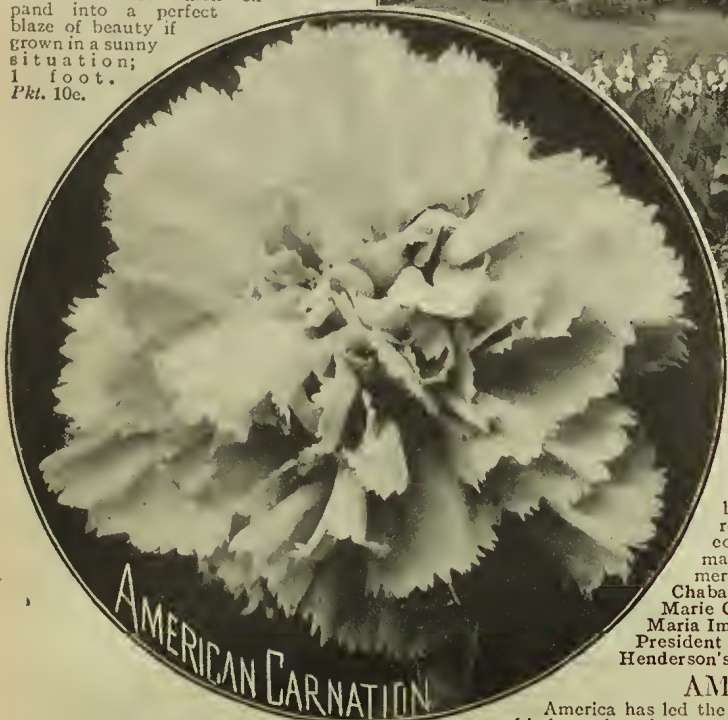


"KING" CALLIOPSIS

CALANDRINIA

Grandiflora

Very beautiful dwarf-growing bushy annual for the flower garden, having fleshy leaves and umbels of large rose-colored flowers which expand into a perfect blaze of beauty if grown in a sunny situation; 1 foot.
Pkt. 10c.



CROZY'S CANNA

Crozy's Cannas are famous for their luxuriant, dwarf growth and immense Gladiolus-like flowers of most brilliant colors; their profusion and continuity of bloom under all climates and conditions render them easily the most useful, showy and popular garden plants grown. This seed, sown in the house or hotbed from January to March, will produce flowering plants by July.

Crozy's Mixed Colors. Per oz., 30c.; Pkt. 10c.

Crozy's Novelty Mixture. Seed saved exclusively from Crozy's latest large Gladiolus-flowered novelties in Cannas. Pkt. 25c.



CHABAUD'S Giant Fancy Perpetual-Flowering CARNATIONS

These creations of a French "Carnationist" surpass all the race in richness and variety of coloring, and are surprisingly beautiful. Now we have Fancy Pinks, with all of the qualities of the old Perpetual Carnation flowering continuously after six months from sowing. Plants thick-set and bushy; stalks stiff and upright, bearing immense double blossoms of perfect regularity, some with fringed edges, some smooth, some with rich solid colors, others tinted and blended, and others with featherings and picotee markings, and all perfuming the air with their sweetness; of incontestable merit for winter flowering and hardy enough for garden culture.

Chabaud's Fancy, Mixed Colors. Pkt. 15c.
Marie Chabaud. Pure canary-yellow. 20c.
Maria Immaculata. Pure white flowers. 20c.
President McKinley. Brilliant scarlet. 20c.
Henderson's Collection of above 3 separate varieties, 50c.

AMERICAN Long-Stemmed Perpetual-Flowering CARNATION

America has led the world the last few years in developing the Carnation. Our improved kinds produce immense flowers of perfect form and doubleness on strong long stems; the colors are varied and beautiful.

Pure White. Pkt. 25c. Mixed Colors. Pkt. 25c.

MARGUERITE GIANT FLOWERING CARNATION

These flower profusely summer and autumn from seeds sown in the spring. The flowers of this wonderful strain often measure 3 inches across, and are usually as double as double can be. The variety of color includes white, blush, deep pink, salmon, carmine, scarlet, dark crimson, maroon and many beautiful variegated flowers. Most of them have lovely fringed petals, and are delightfully fragrant. One great merit of these Carnations is that they commence to flower in about twelve weeks' time from seed. Seed sown in the spring will produce luxuriant plants that will be continually full of bloom from August until killed by severe frosts, or seeds may be sown during the summer for the winter-flowering plants.

Pink. Pkt. 10c. Striped. Pkt. 10c. Yellow. Pkt. 10c.
Scarlet. 10c. White. 10c. Mixed Colors. 10c.
Customer's Collection of Marguerite Carnation. Any three 10c. pkts. selected for 25c.
Henderson's Collection of above 5 separate Giant Marguerites, 40c.

HARDY GARDEN CARNATION

This is a very fine strain, particularly adapted for garden planting. Seed sown in the spring will produce large, thrifty clumps that will stand out over winter and bloom throughout the following summer and fall. All colors, shades and markings are represented in the mixture, and most of them will come double.

Finest Double Mixed. Extra fine strain. Per 1,000 seeds, 75c. Pkt. 10c.

CANDYTUFT

Well-known dwarf, profuse flowering garden annuals of easy culture, forming bushy plants 12 inches high, freely carrying large umbels of flowers.

Umbellata, White. Per oz., 30c. Pkt. 5c.
Umbellata, Lilac. Per oz., 30c. Pkt. 5c.
Umbellata, Mixed Colors. Per oz., 20c. Pkt. 5c.

Empress or Giant White Hyacinth-flowered. A grand variety, producing enormous spikes of bloom, resembling a white Hyacinth. These spikes often measure 7 inches long by 2 1/4 inches in diameter; plant in bloom 12 inches high. To produce the finest spikes the plant should be transplanted.

Per oz., 40c. Pkt. 10c.
Rose-cardinal. Produces very large umbels of bright rosy-cardinal flowers, so the plant presents one unbroken sheet of bloom, 8 inches high.
Per 1,000 seeds, 25c. Pkt. 10c.

CANDYTUFT DWARF HYBRID, LARGE-FLOWERING

Popular dwarf annuals, flowering profusely throughout the whole season. The plants are fairly covered with blossoms; great favorites for beds, edging, pots and borders; of the easiest culture. The florets as well as the umbels of bloom are double the size of the old varieties. Several new and exquisite shades and colors are included; they form bushy little plants only 4 to 6 inches high.

Dwarf Hybrid, Large-flowering White. Per 1,000 seeds, 25c. Pkt. 10c.
Dwarf Hybrid, Large-flowering Crimson. Per 1,000 seeds, 25c. Pkt. 10c.
Dwarf Hybrid, Large-flowering Pink. Per 1,000 seeds, 25c. Pkt. 10c.
Dwarf Hybrid, Large-flowering Mixed Colors. Per 1,000 seeds, 25c. Pkt. 10c.
Customer's Collection of Candytufts, any three 10c. pkts. for 25c.

CANDYTUFT HARDY

Handsome, compact-growing, hardy perennial plants, admirably adapted for permanent front rows of borders or for low clumps or beds; very valuable for early decoration.

Gibraltar. Showy, large-growing, red and rosy-white; 1 to 2 feet. Pkt. 10c.
Sempervirens. Completely covered with heads of white flowers in spring; 1 foot. Pkt. 15c.



CANARY-BIRD VINE

A rapid-growing, summer-climbing annual, growing 10 to 15 feet high. It will cover trellis work in the most graceful manner, producing hundreds of its pretty fringed bright yellow flowers, which resemble a canary bird with expanded wings.

Pkt. 10c.

CARDINAL CLIMBER or Scarlet Queen

Cypress Vine

This new hybrid Cypress Vine is one of the most beautiful climbing annuals that we know of and deserves to be grown in every garden. The foliage of rich glossy green is palm-leaf like, with lacinated or fringed edges against which the brilliant scarlet tubular flowers, 1 to 1½ inches across, contrast most vividly. In a warm, sunny location, in good soil, it grows about 20 feet in height, is of rapid growth, free from insects and a beautiful vine for trellis, piazza or pergola being literally bespangled with flowers from July until late fall. The seed is very hard-shelled and germinates quicker when started under glass, but if sown in the open ground the seeds should first be soaked for a few hours in warm water.

Pkt. 15c.; two Pkts. 25c.

CAMPANULAS OR BELL-FLOWERS

CAMPANULA PYRAMIDALIS. The favorite "Chimney Bell-Flower," so prized in old fashioned gardens and also often grown in pots for greenhouse and piazza decoration. It is a hardy perennial, producing spikes 4 to 5 feet high, encircled about half of their length with large bell-flowers of white or shades of blue. It thrives in any good soil and is very ornamental. Grown in pots the plants should frequently be repotted; they will then attain a very large size. (See engraving.) Mixed Colors.....Pkt. 10c.

CAMPANULA persicifolia grandiflora. (Peach-leaved Bell-Flowers.) Remarkably handsome, hardy perennials, throwing up spikes 2 to 3 feet high; clothed during summer with large, bell-shaped blossoms of blue or white. Prized for both garden and pot culture.

White.....Pkt. 10c. Blue.....Pkt. 10c.

CAMPANULA pyramidalis compacta. Mixed Colors. This new type is dwarfier and more compact in growth than the old pyramidalis—attaining a height of only 2 to 3 feet. They bloom freely and the flowers are equally as large; colors, various shades of blue and white.....Pkt. 10c.

Customer's Collection of Campanulas, any three 10c. pkts. for 25c.

CANTERBURY BELLS

Very ornamental garden plants of easiest culture, flowering the second season from seed; hardy biennial (requiring to be sown every year for flowering the next year), 2½ feet high, producing large bell-shaped flowers of exquisite colors. (See engraving.)

Single Mixed.....	Pkt. 5c.
Double Blue.....	10c.
" White.....	10c.
" Rose.....	10c.
" Mixed.....	10c.

CUP and SAUCER CANTERBURY BELLS

The "Cup and Saucer" varieties (*Campanula Calycanthema*) produce beautiful single flowers 3 inches in length, saucers 3 to 4 inches across. The plants form perfect pyramids of bloom for weeks during the early summer.

<i>Calycanthema</i> Rose.....	Pkt. 10c.
" White.....	10c.
" Blue.....	10c.
" Striped.....	10c.
" Mixed.....	10c.

Customer's Collection of Canterbury Bells, any three 10c. pkts. selected for 25c.

"In your last year's catalogue you advertised Canterbury Bells mixed. We got a packet and the result this summer is wonderful. Everyone admires the colors and the plants are very strong and full of bloom."

Miss MARY F. LOUD,
July 5, 1917. Weymouth, Mass.

"The seeds I purchased from you last spring made one of the prettiest gardens in the town and it was very much admired."

Miss HARRIET W. GALBRAITH,
Garden St., Mount Holly, N. J.

"I am sending you enclosed a photo of my Canterbury Bells, all of them raised from a packet of your seed. I had hundreds of blossoms, mostly the pink, of which only a few are shown in the photo."

Mrs. A. F. HEBARD,
Aug. 18, 1916. Scarsdale, N. Y.

"I have a very pretty Portulaca bed four feet by three feet, grown from Henderson's single variety. It was a most wonderful sight last year."

Mrs. E. TUTTLE,
Lackawanna Homestead,
March 29, 1917. Stanhope, N. J.



CARDINAL CLIMBER

Henderson's Garden Guide and Record

Offered on page 3

"In your Garden Guide is a list of Cultural Instructions for the planting of Flower Seeds and the handling of Seedlings. It is unquestionably the most condensed, concise and accurate set of directions of its kind I know."

M. G. KAINS, Professor of Horticulture,
Pennsylvania School of Agriculture, State College, Pa.



CANTERBURY BELLS

CAMPANULA PYRAMIDALIS



CENTAUREA IMPERIALIS OR IMPERIAL SWEET SULTAN

These beautiful giant-flowering "Sultans" produce long-stemmed, exquisitely fringed blossoms 3 to 4 inches across, of graceful effect and are delightfully fragrant. The colors vary, some having centers of a different color, as violet with white center, etc. For bouquets and vases they are exceptionally beautiful. If cut scarcely opened they will last for ten days in water. The plants are of the easiest culture, flowering freely in the garden the first summer from seed sown in the spring. They are of strong, bushy form, 2 to 3 feet high.

Margarita. Satiny-white flowers.....	Per 1,000 seeds, 25c.;	Pkt., 10c.
Chameleon. Bright yellow flowers.....	Per 1,000 seeds, 25c.;	Pkt., 10c.
Favorita. Brilliant rose-colored flowers.....	Per 1,000 seeds, 25c.;	Pkt., 10c.
Splendens. Rich dark purple.....	Per 1,000 seeds, 25c.;	Pkt., 10c.
Graziosa. Deep lilac.....	Per 1,000 seeds, 25c.;	Pkt., 10c.
Iphigenia. Mauve, with white center.....	Per 1,000 seeds, 25c.;	Pkt., 10c.
Mixed Colors.....	Per 1,000 seeds, 20c.;	Pkt., 10c.
Collection of the above 6 separate varieties.....		50c.
Customer's Collection of Imperial Sultans, any three 10c. pkts. for 25c.		

GIANT COSMOS THE GLORY OF THE AUTUMN GARDEN

Favorite autumn-flowering annual; the flowers are often 4 inches across. The petals are broad and overlapping, and of splendid substance. For cutting this is one of the finest flowers grown. The long stems and feathery foliage lend themselves to graceful arrangements. The plants, 5 to 6 feet high, are of symmetrical, pyramidal form.

Giant Crimson.....	Per 1,000 seeds, 25c.;	Pkt., 5c.
Klondyke. Large, orange-colored flowers.....	Per 1,000 seeds, 50c.;	Pkt., 10c.
Mixed Colors.....	Per 1,000 seeds, 25c.;	Pkt., 5c.

LADY LENOX COSMOS THE HIGHEST DEVELOPMENT IN COSMOS

The long-stemmed flowers are of immense size, frequently measuring 5 inches across. The petals are broadly oval and overlap, forming a circular flower of perfect symmetry, having splendid substance and lasting qualities. Unsurpassed both for garden decoration and as cut flowers; height 6 to 7 feet.

Lady Lenox, Pink. Lovely shell-pink, lighting up well at night.....	Per 1,000 seeds, 50c.;	Pkt., 10c.
Lady Lenox, White. A fine pure white selection from the above.....	Per 1,000 seeds, 50c.;	Pkt., 10c.

MID-SUMMER COSMOS LARGE EARLY-FLOWERING

Unfortunately, large-flowering Cosmos do not bloom until late in the season. This early-flowering strain begins blooming scatteringly in June, the quantity increasing gradually until July, and from that time until frost the plants are a mass of flowers. The flowers average 3 inches across; the plants are dwarfer than the late-flowering Cosmos, forming compact bushes only 4 feet high.

Crimson.....	Per 1,000 seeds, 50c.;	Pkt., 10c.
Rose.....	Per 1,000 seeds, 50c.;	Pkt., 10c.
White.....	Per 1,000 seeds, 50c.;	Pkt., 10c.
Purple.....	Per 1,000 seeds, 50c.;	Pkt., 10c.
Large Early Mixed.....	Per 1,000 seeds, 50c.;	Pkt., 10c.

CUSTOMER'S COLLECTION OF COSMOS any three 10c. pkts., for 25c.

DOUBLE COSMOS

These new hybrids form bushy plants 5 to 6 feet high and flower profusely during the autumn months. Only 40 to 50 per cent. of the plants will bear double flowers, the balance producing large single blossoms, the reason being that the double flowers are pistillate—having no stamens and consequently bear no pollen—so to produce seed must depend upon staminate singles for pollination. The progeny therefore comes about half doubles and half singles. Double Cosmos flowers aside from their novelty and beauty are of lasting substance, both on the plants and as cut flowers. The colors so far produced are white and pink, which we offer in mixture. Price, 25c. per pkt.



CENTAUREA FLOWERING VARIETIES

Cyanus. (Ragged Sailor, or Cornflower.) A very old favorite garden annual, flowering freely in almost any situation, height 2 to 3 feet; largely used for cut flowers.
Blue...... Per oz., 30c.; Pkt. 5c.
Mixed Colors...... Per oz., 25c.; Pkt. 5c.
Cyanus Double, Mixed Colors. Produces large globular heads of flowers filled up to the center with florets.
 Per oz., 35c.; Pkt. 5c.

Cyanus Double, Blue. Per oz., 50c.; Pkt. 5c.
Americana Hallii. Bushy annual, 30 inches high; large flowers 6 inches across, of lavender-blue; fragrant..... Pkt. 10c.

White-Leaved CENTAUREAS (Dusty Miller)

Extensively used for ribbon beds, edgings, vases, etc.; the foliage is silvery-gray.

Candidissima. Compact plants, silvery leaves. 1 foot.
 Per 500 seeds, 75c.; Pkt. 10c.

Gymnocarpa. Graceful arching silver-gray leaves. 1½ feet.
 Per 500 seeds, 50c.; Pkt. 10c.



Burbank's RAINBOW CORN

A highly decorative type of Corn. It grows about 5 feet high and suckers out, forming good-sized clumps. The foliage is beautifully striped with rose, purple, green and cream color; exceedingly effective in the mixed flower border. (See engraving.)
 Per oz., 50c.; Pkt. (25 seeds) 10c.

Annual CHRYSANTHEMUMS

These improved varieties form bushy, compact, oval plants about 18 inches high, are of easy cultivation, and flower most abundantly during the summer; very showy garden annuals and fine for cutting.

Single-Flowering Varieties

Evening Star. Sheeted with large, single golden-yellow flowers..... Pkt. 10c.
Morning Star. Large cream-yellow flowers; profuse..... Pkt. 10c.
North Star. Single giant flowers of white with a soft yellow zone contrasting effectively against the bold black disk.
 Pkt. 10c.

Mixed Single Annual Varieties.... Pkt. 5c.

Double-Flowering Varieties

Golden Queen. Double golden... Pkt. 10c.
White Pearl. Double white flowers... 10c.
Mixed Double Annual Varieties..... 5c.
Lorenz's Double Fringed, Mixed..... 10c.
Inodorum Snowball. A great advance in this useful type; large, densely double flowers of purest white, borne freely; Fern-like foliage; fine cut flower. Pkt. 10c.
 Customer's Collection of Chrysanthemum Seeds, any three 10c. pkts. selected for 25c.

SINGLE HARDY CHRYSANTHEMUMS

"Shasta" and "Moon-Penny" Daisies

The large-flowering single white hardy Daisy—*Chrysanthemum leucanthemum maximum*—has long been considered one of our finest hardy perennials for permanent garden decoration. The following new types are great improvements.

Princess Henry. This "Moon-Penny Daisy" forms a bushy, compact plant 18 inches high, producing in abundance, during late summer and fall, magnificent, large white flowers, 3 to 4 inches across. They are of splendid substance and, having long stems, are highly prized for cutting, lasting in water fully a week. It flowers the first season from spring-sown seed, and comes up every summer in the same beauty for many years..... Pkt. 10c.

Shasta Daisy. This great white California Daisy—a creation of Mr. Luther Burbank—produces, when well grown, magnificent pure white flowers 4 inches or more across, on stems 1½ to 2 feet in length. The plants, 2 to 2½ feet in height, are hardy, and flower in profusion..... Pkt. 15c.

Little Gem. A beautiful new dwarf variety, only 15 to 18 inches high, of even, bushy growth; blooming very early, and very freely—making a splendid effect—large, pure white flowers on long stems. Splendid for herbaceous borders and for cut flowers..... Pkt. 25c.

COSMIDIUM

Orange Crown. Very handsome new annual, forming elegant, many-branched bushes 1½ to 2 feet in height. The flower heads, 4 to 5 inches in circumference, are carried on long stems well above the foliage. The flowers are golden-yellow with a broad circle of a rich orange around the disk, a pleasing combination. As the plants produce a succession of bloom throughout the summer and the flowers last well in water, this will be found very useful for cutting purposes..... Pkt. 10c.



CHINESE WOOL FLOWER (Celosia Childsi)

This unique type of *Celosia plumosa* forms—instead of pyramidal panicles of bloom—large globular heads like balls of wool or chenille, and of a rich bright red color. The plants—2 to 3 feet in height—branch freely, each branch terminating with a flower-head. It continues in flower from early summer until frost, and is very effective for gardens, either massed or grown as individuals. (See engraving.)..... Pkt. 25c.

CELOSIA CRISTATA or CRESTED COCKSCOMB

Very popular annuals of easy culture, producing large, ornamental, comb-like heads resembling ruffled chenille; they are prized for summer flower beds, and make fine pot plants; height, 12 to 18 inches.

Dwarf Mixed Colors...... Pkt. 10c.
New Striped. Ornamental combs, streaked and striped in lively colorings of red, yellow, pink, violet, etc.; 8 to 10 inches..... Pkt. 10c.
Cardinal. Bright scarlet..... Pkt. 10c.
Prince of Orange. Vivid golden-yellow..... Pkt. 10c.
Crimson King. Blood-red..... Pkt. 10c.
Wine-rose. Distinctive claret-rose..... Pkt. 10c.
 Customer's Collection of Celosias (Plumed or Crested). Any three 10c. pkts. selected for 25c.

CELOSIA PLUMOSA or PLUMED COCKSCOMB

A superior type of *Celosia plumosa*, forming pyramidal, branching plants, 3½ feet high, and bearing large, conical, plumed heads of either golden-yellow, fiery-scarlet, purple, salmon, blood-red, etc. The plants are annuals, growing easily and quickly from seed, and present a very showy appearance in the summer garden, lasting in bloom until frost. They are also very handsome grown in pots. (See engraving.)

Golden Plumed...... Pkt. 10c. **Crimson Plumed.**..... Pkt. 10c.
Mixed Plumed. (Thompson's Magnifica)..... Pkt. 10c.
Dwarf Plumed. The plants attaining a height of only 1 foot, including their plumes... 10c.

CENTRANTHUS MACROSIPHON

This "Annual Valerian" is an attractive, free-flowering class of garden plants, growing compact and bushy; about 1 foot high and bearing large heads of red, white or flesh-colored flowers. **Mixed Colors.**..... Pkt. 5c.

CERASTIUM (SNOW IN SUMMER)

Tomentosum. A procumbent hardy perennial, having white foliage and a profusion of small white flowers. Very pretty as an edging plant..... Pkt. 15c.

THE HENDERSON GARDEN PLANS AND SUGGESTIONS

Tells much about creating flower gardens entirely from seeds. Also time for planting, cultivation, etc. Sent free if requested when ordering.



Henderson's Large-Flowering CINERARIA HYBRIDA

Magnificent and indispensable flowering plants for spring decoration in the conservatory or window garden. The flowers measure 2 to 3 inches across, cover the plant with a sheet of bloom. Colors, white, blue, violet and crimson shades; usually two or more colors are shown in one flower.

Large-flowering, Choicest Mixed. From prize varieties. Pkt. 25c.

Matador. A large flower of a brilliant scarlet-red. Pkt. 25c.

Double, Large-flowering, Mixed. Pkt. 25c.

Miniature Hybrids. (*Cineraria hybrida Nana*.) A pretty tiny race. The plants rarely exceed 8 inches in height. The flowers are small, but many in number and gay in colors, making large heads, particularly charming. Pkt. 25c.

Star-Flowered Cinerarias

Tall Star. (*Cineraria Stellata Hybrids, Improved*.) Tall, pyramidal plants, bearing quantities of medium-sized star-like flowers in immense umbels; an exceedingly decorative pot plant. Colors, white, rose, red, carmine and blue mixed. Pkt. 25c.

Dwarf Star. (*Cineraria Stellata Nana*.) This type grows only about 12 inches high, forming sturdy, well-rounded plants literally covered with large trusses of small star-shaped flowers in a variety of colors. Pkt. 25c.

Customer's Collection of Cinerarias. Any three 25c. pkts. for 60c.



CLARKIA

Charming garden annuals. The flowers of rose, white, red, purple, etc., borne in profusion during the summer; 1 to 2 feet.

Scarlet Queen. (New.) Of tall growth (2½ feet high), having long spikes, of double rosy-orange flowers developing to intense orange-scarlet. Pkt. 10c.

Vesuvius. Double flowers of intense orange-rose. 10c.

Chamois Queen. Rosy-chamois double flowers. 10c.

Queen Mary. Lovely rose-carmine flowers; very double. 10c.

Double Mixed. Including many sorts. 5c.

Customer's Collection of Clarkias. Any three 10c. pkts. selected for 25c.

CLEMATIS

Paniculata. One of the finest hardy perennial climbers. Of robust habit, and covered from the ground to the summit with pure white fragrant flowers. The flowers are followed by pretty seed pots of bronzy-red; 12 feet. Pkt. 10c.

Large-flowering, Mixed (Jackman's). Flowers 3 to 4 inches across, of charming shades of blue, white, purple, lavender, etc.; 10 to 12 feet. Pkt. 10c.

Flammula. Fragrant, white feathery flowers, in clusters, perfectly covering the vines; admired for its grace; 25 to 30 ft. Pkt. 5c.

CLEOME "Giant Spider Plant"

Gigantea Rosea. A showy garden annual producing curious heads of flowers of bright rose color with long antennæ-like stamens; of easy cultivation, blooming early until late; 4 to 5 feet. Pkt. 10c.

COBAEA SCANDENS

Elegant, rapid-growing climbers, attaining a height of 20 to 30 feet. Particularly desirable for covering arbors, walls, etc. Can be grown in the conservatory in winter. Flowers large and bell-shaped.

Blue. Pkt. 10c. **White.** Pkt. 10c.

COLEUS

Plants with richly-colored foliage of maroon, green, crimson, yellow, etc. For groups on lawns and ribboning they are indispensable, and also valuable for pot culture. Although perennials they attain perfection from seed the first season; 1 to 3 feet.

Choice Mixed. Pkt. 10c.

Large-leaved Fringed, Mixed. 15c.

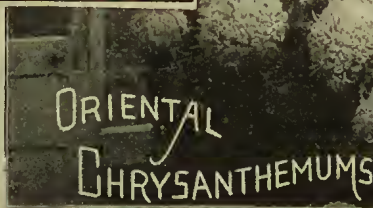


Oriental Chrysanthemums from Seed

This Seed will produce Blooming Plants the first season.

The regal beauty of these Royal flowers of the Orient is well known. There are many people, however, who do not realize how easily they may be grown from seed, and that all of the magnificent new varieties were raised from hybridized seed, similar to that we are now offering.

Oriental Chrysanthemums—Mixed types and colors, including the Chinese or incurved—the Japanese long twisted-petalled kinds, the ostrich-plumed or feather-petalled, early-flowering, etc. Pkt. 15c.



CONVOLVULUS or MORNING GLORIES

Convolvulus Major. These beautiful annual climbers are of easy culture and produce freely all summer long large funnel formed flowers of lovely colors, shades and combinations of coloring. Seed may be sown in the open ground. Height, 15 to 20 feet.

Mixed Colors. Per ¼ lb., 50c.; oz. 15c. Pkt. 5c.

FOR DOUBLE-FLOWERING MORNING GLORIES AND JAPANESE MORNING GLORIES, see page 110

HENDERSON'S GARDEN GUIDE and RECORD answers the 101 perplexing questions, and gives much information about gardening **FREE** with orders of \$2.00 or over if asked for. See page 3.

BUSH MORNING GLORIES

Convolvulus Minor. These dwarf-growing Morning Glories form plants 1½ to 2 feet in diameter and 12 inches high. A bed of these in full bloom is very effective. The flowers remain open all day excepting in rainy weather. The colors and variegations are many and very lovely.

Mixed Colors.....Oz. 20c.; Pkt. 5c.

COREOPSIS

Harvest Moon. One of the finest hardy garden plants grown, forming large clumps 2 to 3 feet high, and increasing in beauty, luxuriance and floriferousness each year, though it flowers the first season from seed sown early. It is an improved variety of the *lanceolata grandiflora* type, producing immense, long-stemmed, rich yellow flowers, shaded with orange, flowering in profusion for a long period during the summer; unequalled for cutting; grows anywhere. Per 1,000 seeds, 40c.....Pkt. 10c.

El Dorado. The long-lasting flowers are simply perfect, measuring 3 inches and over in diameter, and are borne on stalks 15 to 18 inches in length. Color, brilliant golden-yellow. This variety, although a hardy perennial, will flower the same season from seed sown early, compact, bushy plants—about 2 feet high—bloom abundantly during the summer and fall. Per 1,000 seeds, 50c.....Pkt. 10c.



BUSH MORNING GLORY

See page 113 for Climbing Morning Glory



COREOPSIS

NEW CYCLAMENS

"Mrs. Buckstone." This new variety produces the largest flowers of all Cyclamens averaging 2½ inches and if well grown, 3 inches across. The petals are beautifully crimped, the coloring is a lovely tint of salmon. Even though the flowers are so large, they are very freely produced and the plants are good growers. The largest and most beautiful of Cyclamens. Received an Award of Merit from the R. H. S. Pkt. 35c.

Salmon King. Immense perfectly formed flowers of a beautiful clear pink with a lustre of salmon, very free bloomer. Received an Award of Merit from the R. H. S. Pkt. 35c.

Pink Pearl. A new giant-flowering variety, the most prolific bloomer of all. Color an exquisite shade of soft salmon. Especially beautiful under artificial light. Pkt. 35c.

White Swan. A pure snow-white giant-flowering variety, very profuse. The blossoms are borne on exceptionally long stiff stems. Pkt. 35c.

Vulcan. A grand giant-flowering variety of deepest blood-red. Pkt. 35c.

Eileen Low. A grand new variety; a lovely shade of pink with a distinct blush-white margin and a crest of blush-white on each petal. A great and attractive contrast. Pkt. 50c.

Henderson's Garden Guide and Record is sent free with all orders of \$2.00 or over if asked for. See page 3.



CYCLAMEN

PERSIAN CYCLAMEN

Most beautiful winter and spring flowering plants for the window and greenhouse. Not only are the flowers of striking beauty, but the foliage is also highly ornamental.

Henderson's Giant Persian. A superior strain with flowers of largest size and perfect form, displayed well above the handsome foliage; the colors include crimson, rose-pink, white, dark blood-red, spotted, eyed, etc. Mixed Colors. Pkt. 25c.

Double, Large-flowering. The flowers have usually 8 to 10 petals, often 12 to 15, which are more spreading than in single varieties. There is the same range of colors, crimson, pink, white, spotted, etc. Mixed Colors. Pkt. 25c.

Butterfly, Papilio or Victoria Cyclamen. Very large flowers with fringed and fluted petals, the edges being distinguished by colorings which differ from that of the body of the flower, as white with red or purple edge, rose with scarlet edge, crimson with garnet or violet edge, etc.... Pkt. 25c.

Customer's Collections of Cyclamen Seeds. Any three 25c. pkts. selected for 60c., or any three 35c. pkts. for 90c.

CYPRESS VINE

These beautiful twining annual climbers are not as much grown as they deserve. Seed started in pots early in the house or hotbed, and the seedlings set out in the garden after danger from frost, will make plants 20 feet high and be completely covered for 3 months or more with beautiful star-shaped tubular flowers borne in clusters that contrast effectively against the feathery, fern-like bright green foliage. Sown in the open ground they will of course commence flowering later. In the latter event the hard shelled seed should be soaked in hot water.

White, Pkt. 5c. Scarlet, Pkt. 5c. Rose, Pkt. 5c. Mixed Colors, Pkt. 5c.

"You may like to know that I won first prize last summer in a flower garden competition in this town. I give all honor for it to the magnificent plants I got as the result of buying your flower seeds." Miss AL. EVANS, Trenton, Ont. March 14, 1917.

DAHLIAS FROM SEED

It is not generally realized that most beautiful Dahlias may be grown and flowered in late summer and autumn from spring-sown seed. Many of them, differing from any of the named varieties on the market, and some from seed are equally beautiful, the production of novel forms and combinations of colorings being most interesting. One of our customers, Mr. A. P. Updike, Reno, Nev., writes us thus: "By planting a packet of your choice Dahlia seed this spring, I was successful in raising such beauties that I secured the First Premium—a gold medal—at the Nevada State Fair."

CHOICE, Large-flowering, Double Mixed.....Pkt. 10c.
CACTUS-FLOWERED, Double, Mixed Colors. Saved from the choicest Cactus-flowered varieties.....Pkt. 10c.

NEW DOUBLE GIANT-FLOWERING DECORATIVE DAHLIAS.

This grand new race produces flowers, often 7 to 8 inches in diameter, very double and in form intermediate between the formal show Dahlias and the narrow curled-petaled Cactus Dahlias—the grace and beauty of these Giant Decorative Dahlias being unapproachable. The flowers are borne on long, strong stems, and are in a variety of colors.....Pkt. 15c.

20TH CENTURY. Immense single flowers, 4 to 6 inches across, white, marked carmine and pink; very handsome.....Pkt. 10c.

SINGLE GIANT PERFECTION, Mixed. Immense single flowers of various colors, including many beautifully striped and spotted sorts.....Pkt. 10c.

COLLARETTE, Mixed Colors. Flowers of various colors, adorned with a collar of small petals around the center, novel and beautiful.....Pkt. 15c.

COLOSSAL. A French race producing flowers that attain the extraordinary dimensions of 8 to 9 inches in diameter. The flowers are



Dahlias from Seed

DAHLIAS FROM SEED—Continued

composed of three or more whorls of wide overlapping petals—placed one above the other. The stems are long and rigid, bearing the flowers well above the foliage; the colors are rich and varied.....Pkt. 15c.
 Customer's Collection of Dahlia Seeds. Any three 10c. pkts. selected for 25c., or any two 15c. pkts. for 25c.

DELPHINIUM OR HARDY LARKSPUR

For Annual Larkspur, see page 110.

Giant Single and Double Superb Hybrids. A splendid race of these popular hardy garden plants. The blossoms are of immense size, single, semi-double and double, dressing the graceful, towering spikes for from 2 to 5 feet of their length. The colors range from white and lavender through every shade of blue from azure to indigo and purple, several shades being blended in some of the varieties. The plants grow from 6 to 10 feet in height and are very desirable and valuable in the garden during the spring and early summer. These improved hybrids should, to get the best effect, be planted in groups dotted here and there at intervals in the herbaceous border. The lighter colors look particularly well when planted in front of shrubbery where they will be thrown into strong relief. Delphiniums are also very beautiful for house decoration shown in vases. By cutting off the spikes immediately after flowering, these Delphiniums may be had in bloom for several months. Mixed Colors.....Per 1,000 seeds, \$1.00; Pkt. 25c.

Hybridum Belladonna Fanny Stormonth. A greatly improved variety of the "Belladonna" Larkspur; it retains the early and continuous blooming habit and the light azure-blue color, but the flowers are much larger, of better substance, and the stems are from 5 to 7 feet high; the upper 2 to 3 feet form a huge branching raceme of fine, well-placed flowers. There is nothing like it amongst all the hundreds of new hybrids.....Pkt. 15c.

Formosum. Deep blue, white center; 2 to 3 feet...Per 1,000 seeds, 35c.; Pkt. 5c.

Single, Fine Mixed Colors.....Per 1,000 seeds, 35c.; Pkt. 5c.

Henderson's New Garden Guide and Record for 1917 is pronounced an indispensable "Gardening Companion"; it answers the 101 questions that "crop up" about gardening. We give it free with orders of \$2.00 or over. See page 3.

HENDERSON'S GARDEN PLANS AND SUGGESTIONS.

Tells how to make Flower Gardens entirely from seeds. Also much about cultivation, time of planting, etc., etc. Sent free if asked for when ordering.



GIANT SINGLE AND DOUBLE
 DELPHINIUMS
 SUPERB NEW HYBRIDS

DIANTHUS or "CHINA PINKS"

DOUBLE - FLOWERING ANNUAL VARIETIES

Customer's Collections of Dianthus.
Any three 10c. pkts. selected for 25c.,
or any six 5c. pkts. for 25c.

Crown of Perfection. Most beautiful and satisfactory summer-flowering annuals. Unrivaled for brilliancy and rich variety of color; the plants are bushy, of symmetrical form, 1 foot high. The flowers average 6 inches in circumference, are densely double, and produced in succession during the whole summer and autumn in such numbers as fairly to crowd each other for room. There is a wonderful diversity of colors, from purest white to red shades, deep and intensely brilliant, soft pinks and flesh tints, and a large proportion of flowers hieroglyphically marked with various hues, the delicate tints and deep tones mingling in exquisite contrast.

Double Mixed Colors.
Per 1,000 seeds, 40c. Pkt. 10c.

Double Fringed Japanese. (*Dianthus Mirabilis*, fl. pl.) Beautiful double flowers 3 to 4 inches across, with deeply cut and fringed petals; colors rich and varied from white to pink and red—some are self-colors, some zoned and others striped. The plants, 1 foot high, flower freely and are very showy.
Pkt. 10c.

Fireball. Large, double, brilliant red.
Pkt. 10c.

Snowdrift. Very large and double, white. Pkt. 10c.

Salmon Queen. Beautiful rosy-salmon, fine, large, double. Pkt. 10c.

Count Kerchove. Double blood-red flowers, with a velvety black zone.
Pkt. 10c.

Pink Beauty. A beautiful double pink variety.
Pkt. 10c.

Chinensis, Double Mixed. (China Pinks.)
Per 1,000 seeds, 25c. Pkt. 5c.

Heddwigii, Double Mixed. (Japan Pinks.)
Per 1,000 seeds, 40c. Pkt. 5c.

Diadematus, Double Mixed. (Diadem Pinks.)
Various colors, all edged and marbled. Per 1,000 seeds, 40c. Pkt. 5c.

Double Striped and Fringed, Mixed. (*Laciniatus*, fl. pl.)
Large double fringed flowers of various colors and markings. Per 1,000 seeds, 40c. Pkt. 5c.

Imported Collection of Double Annual Dianthus;
6 varieties, 25c.; 12 varieties, 40c.

SINGLE-FLOWERING ANNUAL PINKS

Giant "Ruffled and Frilled." A superior strain of the Single Heddwigii Annual or China Pinks. The flowers are of noble size, averaging 3 to 4 inches across. The petals are ruffled, frilled and fringed, lending grace and beauty to the gorgeously colored blossoms which range from dark blood-red to glowing crimson, carmine-rose, salmon-pink and white; some of the flowers are mottled and blended with two or more shades. The plants are bushy and compact, about 1 foot high, and flower abundantly through summer and fall. For garden decoration and for cut flowers these new Dianthus are of unapproachable beauty. Per 1,000 seeds, 40c. Pkt. 10c.

New Silver-Edged Japan Pink. (*Dianthus Heddwigii Marginatus*.) Forms fine compact bushes about 1 foot high and bear profusely all summer and fall, large single flowers of rich blood-red, with a distinct silvery-white margin. Pkt. 10c.

Princess Pinks. (*Dianthus Punctatus*.) Large, fringe-edged flowers of different ground colors over which are dotted and blotched different contrasting colors. Very unique and beautiful. Pkt. 10c.

Heddwigii, Mixed. (Japan Pinks.) Per 1,000 seeds, 25c. Pkt. 5c.

Laciniatus, Mixed. (Fringed Pinks.) Per 1,000 seeds, 25c. Pkt. 5c.

Customer's Collection of Dianthus—Any three 10c. pkts. selected for 25c., or any six 5c. pkts. for 25c.

HARDY DIANTHUS, GRASS OR SPICE PINKS (Single and Double Flowering Varieties)

Crown "Grass" Pinks. A new race with branching flower stalks 10 to 12 inches high, carrying large deliciously fragrant single, and semi-double flowers with fringed petals; colors, white, carmine, rose, lilac, etc. Each flower marked in the center with a crimson or purple crown. They flower from May to July. Pkt. 15c.

Maiden Pinks. This pretty type of hardy Pinks—*Dianthus deltoides*—forms low mats of grass-like foliage about 3 inches high, above which is thrown during spring and early summer a profusion of small single flowers not over 3/4 of an inch in diameter on stems 6 to 8 inches in length. Colors, red, rose and white, all adorned with a central zone of crimson. Pkt. 10c.

Plumarius, Double Mixed. The favorite old Pheasant's Eye or Grass Pinks; 1 foot. Pkt. 10c.

Dwarf Large Double-flowering Grass or Spice Pinks. (*Dianthus plumarius nanus*, fl. pl.) These are great improvements over the charming time-honored inhabitant of old-fashioned gardens. The flowers are large and borne profusely on short, stiff stems. In these new pinks we have a large variety of colors and markings; the color, of course, refers to the center of the flower, the remainder being white or bluish with a band of color near the margin; the colors include blood-red, rose, maroon, purple, pink, bluish, spotted, laced, variegated, etc. They are excellent perennial garden plants, about 1 foot high, vigorous, hardy, and flower profusely during spring and early summer. The flowers are very large, double, beautifully fringed, and emit a clove-like perfume.

Mixed Colors. Pkt. 20c.

Perfection Pinks. A superb strain of the hardy Grass Pink—*Dianthus plumarius*—bearing enormous double flowers of perfect form. Smooth round petals of pure white, edged with deep crimson, very fragrant. Pkt. 15c.

Perfection Pinks. A superb strain of the hardy Grass Pink—*Dianthus plumarius*—bearing enormous double flowers of perfect form. Smooth round petals of pure white, edged with deep crimson, very fragrant. Pkt. 15c.

We Deliver FREE in U. S. by Parcel Post or Express, at our option VEGETABLE and FLOWER SEEDS and Flower Seeds by the pkt., oz. and quarter lb. ALSO LAWN GRASS SEEDS by the quart and peck.

Digitalis or Foxglove (Gloxinia Flowered)

These improved Foxgloves are very showy, hardy plants; they are easy to grow and produce freely, spikes 4 to 5 feet high, well-furnished with large, Gloxinia-like flowers of various colors, including white, cream, rose, red and other shades, all of which have beautiful throat markings, spots and blotches of purple, maroon, etc. They are more robust than the ordinary garden Digitalis, have stouter stems and larger flowers.

White, Spotted,.....Pkt. 10c. Lilac, Spotted,.....Pkt. 10c.
Purple, Spotted,.....10c. Rose, Spotted,.....10c.
Mixed Colors, (Gloxinoides,) Per 1,000 seeds, 25c.....10c.
Grandiflora, Yellow. Charming flowers of soft chrome-yellow. 10c.
Monstrosa. A very unique and beautiful type, producing long spikes of large flowers of various colors, many of which are beautifully spotted, etc., but the striking feature of this strain is the enormous bell-shaped blossom that tops each spike of flowers. Mixed Colors. Per 1,000 seeds, 50c.....Pkt. 15c.

Customer's Collection of Digitalis—any three 10c. pkts. for 25c.

DOLICHOS OR HYACINTH BEAN

Annual climbers, of rapid growth, 10 feet high, with Wistaria-like clusters of flowers, followed by bronzy-purple seed pods.

Japanese Giant White. Long spikes of clear white flowers. Per Oz., 25c.....Pkt. 10c.
Japanese Giant Crimson. Blush deepening with age to dark red. Per Oz., 25c.....Pkt. 10c.



DIMORPHOTHECA or African Daisy

Golden African Daisy. (*D. Aurantiaca*.) An extremely showy annual of neat branching habit, grows about 12 inches high, flowering during the summer in continuous profusion. The single Daisy-like blossoms, 2½ inches in diameter, are brilliant orange, with a dark colored disk zoned black; well adapted for groups or borders; it stands the heat finely and produces its pretty flowers very early in sunny situations and will continue to flower during the summer. Per 1,000 seeds, 60c. Pkt. 10c.
Hybrid African Daisies. In growth and flower these new hybrids are like the parent, but they vary in color from white to red and tints of sulphur-lemon and golden-yellow, orange, reddish-yellow-salmon shades; many are marked with different colored zones. Pkt. 10c.



Eschscholtzia or California Poppies

Eschscholtzias are among our most beautiful and popular annuals, being of the easiest culture. From spring-sown seeds they flower profusely until late in the autumn, making them invaluable for bedding. The plants are of dwarf, branching habit, about 1 foot high.

Golden West. Flowers of immense size. The colors are intense and shining yellows, some with orange blotches. Per Oz., 50c.....Pkt. 10c.

"The Geisha." A new fluted Eschscholtzia of fantastic oriental effect, the petals being prettily crimped, which adds light and shadow to the brilliant coloring—orange-red outside, rich golden within. Habit of plant, bushy, compact and upright; about 1 foot high.....Pkt. 15c.

Mikado. Large flowers of lustrous orange-crimson.....Pkt. 10c.

Crimson King. The best of the red-flowering varieties. Bright crimson, interior satiny-carmine.....Pkt. 10c.

Dainty Queen. Flowers creamy-blush tinted coral-pink, deepening in shade toward the edges. Pkt. 10c.

Erecta Compacta Mandarin. The plants, of upright, compact, bushy form, produce freely, large flowers of rich, deep orange color, shaded crimson.....Pkt. 10c.

California, Double, Mixed. White, yellow and orange. Per Oz., 30c.....Pkt. 5c.

California, Single, Mixed. Orange, white, yellow, etc. Per Oz., 25c.....Pkt. 5c.

Customer's Collection of Eschscholtzias—any three 10c. pkts. for 25c.

Bush Eschscholtzia

(*Hunnemannia fumariifolia*)

Grows into a bush 2 feet high. Large cup-shaped flowers, 3 inches across, on long stems; the color is bright yellow, contrasting vividly with the bunch of golden stamens in the center. Per Oz., 50c.....Pkt. 10c.

EUPHORBIA MARGINATA or "Snow-on-the-Mountain"

This native annual is quite popular as a garden plant on account of its showy appearance and ease of culture in almost any soil—even the poorest—if in a sunny location. It is of rank branching growth about 2 feet high. The foliage of light green being broadly margined with silvery-white, giving the effect—in miniature—of "Snow-on-the-Mountain." Per Oz., 40c.....Pkt. 5c.

GAILLARDIA ANNUAL VARIETIES

Very showy garden annuals, 1 to 2 feet high. Grown in masses they are especially effective; large flowers, 2 to 3 inches across, produced from early summer until frost; unrivaled for cutting.

Mixed Single Varieties. Per Oz., 30c.....Pkt. 5c.
Lorenziana, or Double-flowering. Large round heads, composed of numerous florets of crimson, garnet, lemon, orange, etc.....Pkt. 5c.

GIANT HARDY HYBRID GAILLARDIA

The flowers are often 4 to 5 inches across, colored in great diversity of variations and blendings, including such combinations as scarlet with gold edge, blood-red with yellow edge, yellow with orange disk, golden with scarlet border, pure yellow, fiery-crimson and many others. These are hardy perennials, compact in growth and produce a succession of flowers summer and fall. As cut flowers, last in water for days.

Giant Hardy Hybrid, Mixed Colors. Per 1,000 seeds, 50c.....Pkt. 10c.

GERANIUM Giant-Flowering Hybrid

The flowers are extra large, round, of the most perfect form, borne in splendid trusses, some of them forming balls 16 inches in circumference. The colors include shades of scarlet and crimson, rose, pink, salmon, cream veined pink, blush, snowy-white and all of the new auricle types. These all stand the hot sun, and, although perennials, they will produce nice bushy plants and flower from seeds sown the same season; 12 to 18 inches high.

Single Giant-flowering Hybrids,

Mixed Colors.....Pkt. 10c.

Double Giant-flowering, Mixed

Colors.....Pkt. 25c.

GLOBE AMARANTH

Bushy plants, about 2 feet high. The flowers are useful for dried winter bouquets. If cut before they are fully ripe and allowed to dry in a dark, airy room, they will retain their color the whole winter season.

Mixed Colors.....Pkt. 5c.

GLOXINIA

Charming summer-blooming pot plants for conservatory, greenhouse or window garden. They flower in great profusion, having gorgeous colors, many of which are magnificently spotted and mottled; 1 foot.

Large-flowering, Mixed. From a choice collection. Pkt. 25c.



GERBERA or Transvaal Daisy

A beautiful race of flowering plants brought into prominence recently with the introduction of an improved large-flowering scarlet type and the new various-colored hybrids. They are half hardy perennials, usually grown as greenhouse or window plants where they flower continuously. The Daisy-like blossoms, 3 to 4 inches across, being borne on 12 to 18 inch stems, are unsurpassed as cut flowers, being of splendid lasting substance. For garden culture in cold climates the plants are wintered over in cold frames like Pansies, etc. They are easily grown from seed and will commence flowering the first year though older plants will produce the greater abundance of bloom.

Giant Scarlet Gerbera. Immense flowers, 5 to 6 inches across, on 2 to 3 foot stems. Color intense scarlet.....Pkt. 25c.

Adnet's New Hybrids. A French strain that has created a furore in the European floral world. The colors include a galaxy of incomparable delicacy and richness, in which an infinity of tints, from pure white through yellow, orange, salmon, rose, cerise and ruby-red to violet are represented. Sometimes the coloring of the disk differs from that of the rays... Pkt. 35c. One packet each of the above two Gerberas for 50c.



ORNAMENTAL GOURDS

Favorite annual climbers, of rapid growth, having luxuriant foliage and being immune from insect pests. They bear fruits known as "Ornamental Gourds"; vine 20 to 30 feet.

AFRICAN PIPE GOURD

The luxuriant, rapid-growing annual climber produces the Ornamental Gourds from which are made the African Calabash pipes now so popular on account of their lightness, grace and meerschaum coloring qualities.

Directions for growing, curing and making pipes from these Gourds are sent with every package of seed. Pkt. 10c.
Julius' "Knob Kerrie." This new variety produces on each vine a number of fruits or Gourds of fantastic shape. To the ball-like base—3 to 4 inches in diameter—is attached a slender handle or stem, 2 and often 3 feet in length. While developing they are deep green in color, changing as they mature to a richly mottled yellow. Pkt. 10c.

- Dipper-shaped. 5c.
- Nest Egg. White egg-like fruits. 5c.
- Hercules' Club. Green fruit 2 to 5 feet long. 5c.
- Chinese Loofa. (Dish-rag Gourd.) The fibrous interior can be used as a sponge. 5c.
- Serpent. (*Trichosanthes*.) Long red fruit. 5c.
- Spoon. Small; yellow with green. 10c.
- Mock Orange. Golden-orange. 5c.
- Powder Horn. Green. 5c.
- Turk's Turban. Red, lower portion green, striped white. 5c.
- Mixed Ornamental Varieties. 5c.
- Customer's Collection of Gourds, any three 10c. pkts. selected for 25c. or any six 5c. pkts. for 25c.

Imported Collection of 12 Ornamental Gourds. 40c.

GYPSOPHILA perennial "Baby's Breath"

"Paris Market." An improved large-flowering variety of *G. elegans*. It forms branching plants about 2 feet high, fairly smothered all summer long with graceful clusters of snow-white flowers half an inch across. A pretty garden annual, and of great value for bouquets, vases, etc. Pkt. 10c.

Double-flowering. (*G. paniculata fl. pl.*) A new type bearing in profusion racemes of double white flowers which last long in perfection; 50 per cent. may be expected to come double, the balance single-flowering plants. Pkt. 25c.



Godetia

Showy garden annuals, of compact growth, about 1 foot high, bearing freely flowers 3 to 4 inches across, of exquisite colors and shades that glisten in the sunlight like satin. Splendid either bedded or grown in pots.

Crimson Glow. Intense dazzling crimson. Pkt. 10c.

Marchioness of Salisbury. Of compact, bushy growth with exquisite rose-pink flowers edged with white. Pkt. 10c.

White Pearl. Large glistening pure white flowers. Pkt. 10c.

Finest Mixed Varieties. Per Oz., 25c.; Pkt. 5c.

Customer's Collection of Godetia, any three 10c. pkts. selected for 25c.

Imported Collection of Godetia, 6 varieties. 25c.

HELICHRYSUM or "STRAWFLOWERS"

Monstrosum. These improved double "Strawflowers" produce much larger and more double flowers than the old varieties. They are showy garden annuals, of free growth, producing abundantly during the summer their large flowers, full and double, valuable "Everlasting" for winter bouquets; 2 to 3 feet high.

Silver Ball. White. Pkt. 5c. **Rose Queen.** Carmine-rose Pkt. 5c.

Fireball. Scarlet. 5c. **Salmon Queen.** Salmon-pink. 5c.

Golden Ball. Rich yellow 5c. **Violet Queen.** Violet. 5c.

Mixed Colors. Per Oz., 50c.; Pkt. 5c.

Collection of above 6 varieties, 1 pkt. each. Pkt. 25c.

HELIOTROPE

Giant-flowering. The heads of bloom of this new type often measure a foot across; the plants 18 inches high, are healthy, bushy and compact; the leaves are large and luxuriant. Seed sown in the spring produces full-grown, profuse-flowering plants by July, which flower in the garden until cut down by frost or may be grown in pots for winter flowers.

Lemoine's Giant Blue. Deep blue. Pkt. 15c.

Lemoine's Giant White. Pearly-white. 15c.

Lemoine's Giant Hybrid, Mixed Colors. 10c.

1 Pkt. each of blue and white Lemoine's Giant Heliotrope for 25c.

HIBISCUS or MARSH MALLOWS

These are showy hardy plants, forming bushes about 3 feet high, bearing immense bowl-like flowers, often 6 inches across.

Rose-pink. With white base. Pkt. 10c.

Giant Yellow. Yellow, garnet throat. 10c.

"HONESTY" or LUNARIA

Biennis. Hardy biennial, thriving almost anywhere; especially useful in shady, damp places; the flowers of purple, crimson or white are followed by silvery transparent seed pods; prized for winter bouquets; height, 2 feet. **Mixed Colors.** Pkt. 10c.



HENDERSON'S EVER-BLOOMING

ANNUAL HOLLYHOCKS

FLOWER THE FIRST SEASON FROM SEED

Every Garden may now be Glorified with Queenly Hollyhocks Grown as Easily and Flowering as Quickly from Seed as any Garden Annual

The old favorite Hollyhock can seldom be flowered from seed before the second year, and as the young plants frequently winter-kill, it has limited the cultivation of Hollyhocks to those willing to give the young plants special winter care. All of this bother is obviated in growing our annual Hollyhocks, for they flower the first season from seed.

The plants from early-sown seed set out in May commence blooming in July, the May-sown in August, and in either event they flower profusely until frost.

The flower buds, borne in clusters, vary in maturity from the developing bud to the expanding flower; this characteristic accounts for the remarkably long flowering period, and, besides, the plants continuously push outside branches as well as new spikes from the base, all of which also develop their quota of flowers almost *ad infinitum*.

The diversity of forms and colors among the flowers affords many delightful surprises. Some plants produce densely double flowers without guards, others with guard petals; there are semi-doubles with Anemone-flowered centers, some with smooth-edged petals, others flounced, fringed, etc., and all flowers are usually very large, some measuring five inches across. In colors there is also great variety, some richly brilliant, others dainty and exquisite, then there are colors and tints in charming combinations. There are maroon, black, pink, chamois-rose, apricot with garnet throat, crimson, canary-yellow, pink with claret throat and veins, bluish with carmine lacings, cerise, white, scarlet, bluish with white throat, magenta, apricot with buff margin, wine-red with white edge, etc., etc.

The plants are of vigorous and healthy growth and naturally branching in habit. The center spike, if not pinched, attains a height of from 8 to 10 feet, after which, if permitted, the side shoots from the base commence to lengthen, growing candelabra-like, 3 to 5 feet long. The plants are amenable to training; that is, the main stem may be kept at any desired height by pinching out the tip, or it may be kept low and induce earlier development in the side branches thus forming a bush.

Henderson's Ever-Blooming Annual Hollyhocks

Grand Combination Mixture of doubles and semi-doubles, including all colors, shades and variegations. Per Pkt. (about 50 seeds), 15c. Two Pkts. for 25c. Per 500 seeds, \$1.00.

From those who have grown Henderson's Annual Ever-Blooming Hollyhocks

"I was very much pleased with the Ever-Blooming Hollyhocks I had from you last year. They commenced blooming in August and continued in bloom until cut off by frost." GEO. A. PITT, Portland, Maine.

"I have never known such fine Hollyhocks as came from your Ever-Blooming kind, the seeds of which were planted in the open ground last April. They began to flower the last of July and I had six, eight or ten spikes on nearly every plant. One CANNOT praise them enough."

HELEN J. RIPLEY, Brookline, Mass.

HARDY DOUBLE HOLLYHOCK

Grand summer and autumn flowering plants, bearing long spikes of double flowers, 3 to 4 inches across. They are old inhabitants of our gardens, but are now so improved in doubleness and enlarged in size, under our special culture and hybridization, as to be revelations of gorgeous beauty to those who have not seen these improved sorts. Hardy biennials—or short lived perennials—5 to 8 feet high. The seed we offer has been saved from an unrivaled collection.

Double Canary-Yellow..... Pkt. 10c.	Double Maroon..... Pkt. 10c.
"Crimson..... 10c.	"Pink..... 10c.
"Deep Rose..... 10c.	"Purple..... 10c.
"Lavender..... 10c.	"White..... 10c.
"Black..... 10c.	"White Violet Center 10c.

Customer's Collection of Hollyhock Seed. Any three 10c. pkts. selected for 25c.

Extra Choice Double Mixed. From named varieties. 1,000 seeds, 75c.; Pkt. 10c.

IMPORTED COLLECTIONS OF Double Hardy Hollyhock Seeds

6 Separate Colors..... 40c.	12 Separate Colors..... 75c.
Single-flowering Hollyhocks, Mixed Colors..... 1,000 seeds, 50c.; Pkt. 5c.	
Allegheny Hollyhocks, Mixed Colors. Semi-double fringed flowers..... 1,000 seeds, 60c.; Pkt. 10c	

TWO GRAND OLD ENGLISH HOLLYHOCKS

"Palling Belle." A very fine form of Hollyhock bearing large double flowers of a charming shade of silvery-pink..... Pkt. 30c.
 "Golden Glory." This splendid variety produces immense double golden yellow flowers in handsome spikes 6 to 8 feet high. It is of healthy, robust growth, having tough, dark green leaves, and has proven immune to Hollyhock diseases..... Pkt. 25c.
 One packet each of the two Grand Old English Hollyhocks for 50c.

HUMULUS or JAPAN HOP

Rapid summer climber, in three or four weeks' time attaining a height of 20 to 30 feet, resembling the common Hop, but being an annual, attains full perfection the first season. The foliage is luxuriant, making a dense covering. It is one of the best plants for covering verandas, trellis, etc. Heat, drought, and insects do not trouble it..... Per oz., 35c.; Pkt. 5c.
 Silver Striped Japan Hop. A beautiful variety of the above. Green leaves blotched and striped white and gray..... Per oz., 50c.; Pkt. 10c.



EVER-BLOOMING HOLLYHOCK

Take it out in the Garden, it answers "Henderson's Garden Guide and Record," Free with orders of \$2.00 or over, when questions. asked for. See page 3.

IMPATIENS HOLSTII HYBRIDS

Handsome plants from East Africa, forming bushes 12 to 18 inches high. The flowers, $1\frac{1}{4}$ to $1\frac{3}{4}$ inches across, are of scarlet, orange-red, pink and white with a red eye. The plants grow luxuriantly out-of-doors and form effective and unusually showy flower beds by their great abundance of bloom. If grown in pots they are equally effective. Sown in heat in March the seedlings may be planted out end of May and will be continuously in bloom from June until the frost destroys them.

Mixed Colors.....Pkt. 25c.

INCARVILLEA DELAVAYI

Beautiful new garden plant with long, flexible branches. It forms large fleshy roots the first year, which should remain in the ground the next season, and thereafter they throw up strong flower stalks 3 feet high, bearing large tubular flowers of rosy-carmine, spotted yellow; throat, brown.....Pkt. 15c.

KENILWORTH IVY

Kenilworth Ivy. Hardy little climber, clings to walls, etc., and a valuable trailing plant for hanging baskets, vases, etc.; 3 to 6 feet.....Pkt. 10c.

KOCHIA, Belvidere or Summer Cypress

An old-fashioned popular annual, sometimes known as Belvidere, Mock Cypress, Mexican Fire Plant, etc. It is easily grown from seed—forming oval bushes, 2 to $2\frac{1}{2}$ feet high, densely clothed with small, feathery, light green foliage, deepening in color as the summer advances until the whole plant assumes a fiery-crimson hue. The small numerous flowers borne in the fall are also of a bright red color. An attractive plant at all times, either in garden beds or in pots.

Placed at intervals in beds of white Sweet Alyssum or among "Dusty Millers," the effect is very fine.

Per oz., 35c. Pkt. 10c.

KUDZU VINE

A twining vine of remarkably rapid growth, attaining a length of 40 to 50 feet in one season from established roots; hardy, though the vine dies down every winter in the North. Foliage large and lobed; purple Pea-shaped flowers in clusters, borne late in the season. A fine vine for arbors, verandas, etc. Easily grown from seed.....Pkt. 10c.

LARKSPUR

For "Hardy Perennial Larkspurs or Delphiniums," see page 104.

Popular garden annuals. The spikes of splendid flowers are of varied shades of red, blue, white, etc. They are of easy culture, thriving in almost any soil—but a sunny situation suits them best.

Tall Rocket, Mixed.

$2\frac{1}{2}$ feet. Per oz., 25c.....Pkt. 5c.

Dwarf Rocket, Mixed. 1 foot. Per oz., 25c.....Pkt. 5c.

Imported Collection of Dwarf Rocket, 6 colors, 25c.; 12 colors.....Pkt. 40c.

TALL BRANCHING LARKSPUR

(*Consolida Candelabra fl. pl.*)

This splendid class grows 2 to 3 feet high and bears flowers on long stems, rendering them of exceptional value for cutting purposes. They are of long-continued bloom, keeping up a bright display until cut down by frost.

Tall Branching, Mixed Colors. Per 1,000 seeds, 25c.....Pkt. 10c.

White.....10c.

Carmine.....10c.

Light Blue.....10c.

Dark Blue.....10c.

Rose.....10c.

Customer's Collection of Larkspur, any three 10c. pkts. selected for 25c.

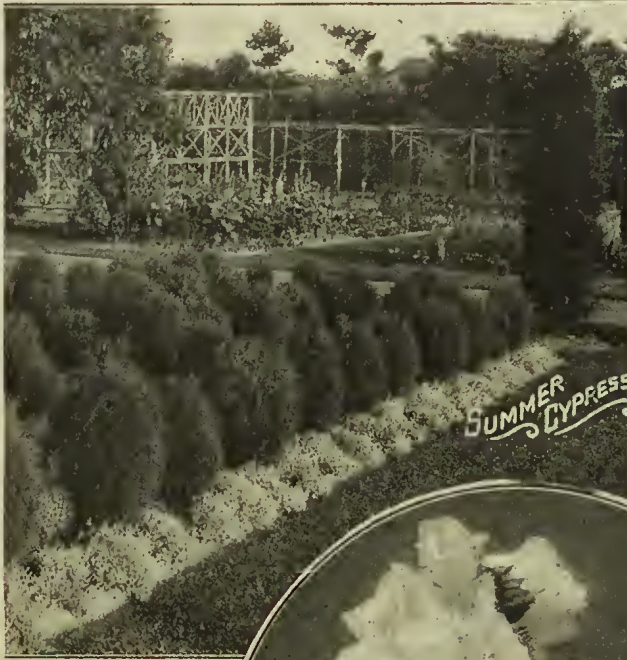
Imported Collection of Branching Larkspurs, 6 varieties, 25c.

GIANT HYACINTH-FLOWERED LARKSPUR

A much improved type of the Dwarf Rocket class. The splendid flowers are very large, very double, and of various beautiful colors, shades and markings, borne on spikes like immense Hyacinths; height, 15 to 18 inches.

Giant Hyacinth-flowered, Mixed Colors. Per 1,000 seeds, 25c.....Pkt. 10c.

Imported Collection, 6 varieties.....25c.



LANTANA

Rapid-growing, constant-blooming, tender perennial plants for pot culture in the winter or garden decorations in the summer; clusters of flowers, orange, white, pink, etc.; 2 to 3 feet. Mixed Colors.....Pkt. 10c.

LATHYRUS Latifolius

Hardy Everlasting Peas. These climb 6 to 8 feet high when trained on a trellis; the flowers are borne in large clusters. They are peculiarly adapted to rough places, to scramble over rocks and bushes; splendid cut flowers. Red.....Pkt. 10c. White Pearl. Magnificent trusses of large pure white flowers.....Pkt. 15c. Mixed Colors.....10c.

LAVATERA SPLENDENS "SUNSET"

A beautiful, robust garden annual of easy culture and thriving in almost any soil in a sunny location. The plants form branching, compact bushes, 2 to $2\frac{1}{2}$ feet in height and bearing abundantly throughout summer and fall—large, shallow or bowl-formed flowers of charmingly bright, rich rose-pink. A great improvement over all other varieties; most effective in beds, and as a cut flower it is charming and lasts well.....Pkt. 10c.

LAVENDER

The true "Lavendula Spica," a well-known ornamental hardy perennial, bearing long spikes of fragrant blue flowers; 1 to 2 feet. Per oz., 25c.; Pkt. 5c.



LOBELIA, Bedding Varieties

This charming class (*L. erinus compacta*) forms compact bushes about 6 inches high and are fairly sheeted with bloom throughout the season. Highly desirable for edgings, ribbon bedding and garden decoration as well as for pot culture. They flower the first season from seed.

Crystal Palace. Deep blue..Per 1,000 seeds, 25c.; Pkt. 10c.
Emperor William. Light blue... 25c.; 10c.
Snowball. Pure White..... 25c.; 10c.
Mixed Colors..... 25c.; 10c.

Customer's Collection of Lobelias any three 10c. pkts. for 25c.

HARDY LOBELIAS

Tall-growing, hardy perennials, with long spikes of brilliant flowers; for permanent beds and borders they are unrivaled; they are one of the few flowering plants that thrive in shady situations; 2 to 4 feet.

Mixed Colors.....Pkt. 10c.
Cardinals. (Cardinal Flower.) Intense scarlet..Pkt. 10c.



TOM-THUMB MARIGOLDS

Form compact oval bushes, only 6 to 8 inches high; completely covered with showy blossoms from June until fall. For massing in beds, for edgings, or even for pots, they are unusually attractive.

Double Golden-yellow. Densely double flowers, 1 inch across...Pkt. 10c.
Double Lemon-yellow. Densely double flowers, 1 inch across...Pkt. 10c.
Little Brownie. Single golden-yellow, with crimson spots.....Pkt. 10c.

MARVEL OF PERU (Four O'Clocks)

Beautiful summer-blooming annuals of bushy habit, 2 feet high, each plant bearing throughout the summer hundreds of large flowers of white, yellow, crimson, or striped.

Mixed Colors. Oz., 20c.....Pkt. 5c.
Variegated Foliage, Mixed Colors. Foliage striped and marked with silver, gold, etc. Oz., 20c.....Pkt. 5c.

LUPINUS, New Hardy Hybrids

Showy, hardy perennials growing 3 to 4 feet in height and producing during summer long racemes of Pea-like flowers in a great variety of colors.....Pkt. 10c.

LUPINUS, Annual Varieties

These popular and easily grown garden annuals attain a height of about 2 feet. They are of robust, branching habit, and throw spikes enveloped with Pea-shaped flowers for most of their length. If these are cut as they mature, the plants will continue to bloom for a long period. Colors, lilac, blue, purple, rose, white, red, striped, etc.

Mixed Colors. Per oz., 30c.....Pkt. 10c.



double flowers, measuring from 3 to 4 inches across; color, velvety-maroon, edged with yellow.....Per 1,000 seeds, 35c.; Pkt. 10c.

Customer's Collection of Marigolds—Any three 10c. pkts. selected for 25c.

Imported Collection of French Marigolds—6 varieties for 25c.



LYCHNIS

Chalcedonica. The scarlet Lychnis, an old garden favorite, bearing heads of bright scarlet flowers; very hardy, 3 to 4 feet..Pkt. 5c.

Haageana Hybrids, Mixed Colors. Usually grown as annuals; of dwarf, bushy habit, bearing flowers an inch or more across in continuous succession until frost, colors are particularly pleasing, white to rich scarlet and shades of pink; 1 foot.....Pkt. 10c.

MALLOW

Dwarf, Large-flowering. These showy garden annuals grow about 2 feet in height and bear freely throughout the summer months large saucer-shaped flowers of white, rose or crimson. Pkt. 10c.

African MARIGOLDS

Henderson's Pride of the Garden. These grand African Marigolds produce densely double flowers, 8 to 10 inches in circumference, and of the regularity and perfection of a Dahlia. A highly meritorious feature is the compact, dwarf habit of the plants, which form dense bushes only 15 to 18 inches high by 2 feet across. For effective garden display during the summer and autumn months nothing can surpass the gorgeous masses of color of these grand varieties.

Canary-yellow.....Pkt. 10c.
Golden-orange.....Pkt. 10c.
Pride of the Garden, Mixed Colors. Per 1,000 seeds, 25c.; Pkt. 10c.

African Double, Mixed. 2 to 3 feet high; large double flowers of yellow or orange. Per oz., 25c.....Pkt. 5c.

Imported Collection of African Marigolds—6 varieties for 25c.

French MARIGOLDS

French Double Dwarf, Mixed Colors. Of compact, dwarf, growth, 1 foot high, with double quilled flowers of maroon, yellow, striped, etc.....Pkt. 5c.

Double, Gilt Edge. A large-flowering French Marigold of robust growth and large, perfectly

MATRICARIA Snowball

This splendid variety of *M. alba plenissima* or "Double White Feverfew" forms bushy annual garden plants, bearing quantities of pure snow-white double flowers in dense clusters almost covering the oval plants with bloom; height, 8 inches. Very desirable for bedding and fine for cutting.....Pkt. 10c.

MESEMBRYANTHEMUM

M. Tricolor are showy annuals of procumbent habit, about 6 inches high, producing in great abundance large, waxy daisy-like flowers $1\frac{1}{2}$ to 2 inches across. Colors, rose, white, and pink with a purplish zone around the yellow eye. Like the *Portulaca*, they thrive in a warm, sunny situation on rough places in garden.

Mixed Colors.....Pkt. 5c.

MIMULUS

Tigrinus. Dwarf, bushy plants; 1 foot high, with large *Gloxinia*-like flowers. Spotted and mottled.

Mixed Colors.....Pkt. 10c.

Moschatus. (Musk Plant.) $\frac{1}{2}$ foot; fragrant foliage; yellow flowers.....Pkt. 5c.



MESEMBRYANTHEMUM

Myosotis or Forget-Me-Nots

Popular perennials, flowering the first season from early spring-sown seed, or they may be sown in summer or early fall; and if bedded out and given protection like pansies they will winter over and commence flowering in early spring; particularly effective as an undergrowth for bulb beds.

"BLUE EYES" (Novelty). A robust-growing variety of fine constitution, exceedingly free-flowering and bears its flowers well on the top. It is 12 inches high, upright and compact in growth, each plant making a bouquet of Forget-Me-Nots. The color is a telling bright blue and when seen in the mass, as a bed, or in rows, is particularly effective. Pkt. 25c.

Ruth Fiseher. This splendid Forget-me-not is of compact habit with glossy dark green foliage, above which are carried on sturdy stems large clusters of immense pure Forget-me-not blue flowers, $1\frac{1}{2}$ inches across, or larger than those of any other known *Myosotis*. The plants of unusual hardiness, withstanding zero weather, are in consequence especially valuable for spring bedding effects. They also make fine pot plants, forcing easily. Pkt. 15c.

Triumph. A robust-growing, large-flowering Forget-me-not. Commencing to bloom in from 6 to 8 weeks from seed-sowing and continues to bloom until checked by frost. The individual flowers are large and are borne in clusters on long, graceful stems. Color, bright turquoise-blue with yellow eye. Per 1,000 seeds, 50c.....Pkt. 10c.

Palustris, Large-flowering. Dark blue; 1 foot. Per 1,000 seeds, 50c.. Pkt. 10c.

Victoria. Grand "Forget-Me-Nots" forming round, compact bushes about 8 inches high covered with clusters of large flowers.

Blue. Per 1,000 seeds, 50c.....Pkt. 10c.

Mixed Colors. Per 1,000 seeds, 50c.....Pkt. 10c.

Customer's Collection of *Myosotis*. Any three 10c. pkts. selected for 25c.

MIGNONETTE

Red Goliath. One of the finest, being of strong growth, healthy and deep-rooting. The average spikes of flowers are immense, measuring 6 to 8 inches long by $2\frac{1}{2}$ inches in diameter, and are compactly filled with giant florets, measuring $\frac{1}{2}$ inch across and packed full, even in the center, with anthers, or three times as many as the older *Mignonettes* contain, consequently this variety is correctly called a *double Mignonette*. The color of the florets—fire-red—is strengthened on account of the density of the florets and spikes, thus presenting almost solid columns of brilliant red, effectively contrasted against the healthy, rich green foliage. The fragrance is delightfully rich and powerful. For cutting it is perfection, remaining fresh for 8 to 10 days in water. Per 1,000 seeds, 50c.; Per $\frac{1}{4}$ oz., 75c.; Pkt. 10c.

White Goliath. The double white-flowering counterpart of the splendid "Red Goliath" offered above. Per 1,000 seeds, 50c.....Pkt. 10c.

Machet Perfection. This improved Machet *Mignonette* produces broad, cone-shaped spikes of very fragrant red flowers on strong stems, dressed with vigorous foliage, evenly branched and of continuous-blooming habit; one of the best for either garden or pot culture. Per 1,000 seeds, 30c.; Pkt. 10c.

White Machet or "Pearl." A white-flowered variety of the popular Machet *Mignonette*, of the same stocky, robust growth, producing in great abundance large, broad, conical heads of deliciously fragrant white flowers. Per 1,000 seeds, 50c.....Pkt. 10c.

Bird's Mammoth. A most popular variety—producing long spikes and well filled with large fragrant flowers throughout the season. Per 1,000 seeds, 25c.....Pkt. 10c.

Allen's Defiance. A splendid variety for greenhouse culture, long spikes of flowers. Per 1,000 seeds, 60c.. Pkt. 15c.

Mignonette, Large-flowering. The popular fragrant garden annual. Oz. 20c.; Pkt. 5c.

Customer's Collection of *Mignonettes*. Any three 10c. pkts. selected for 25c.

MOMORDICA

Balsamina. (Balsam Apple.) Annual climber; 15 feet; bearing ornamental orange-colored fruits with red interiors. Pkt. 5c.

MUSA ENSETE

(Abyssinian Banana)

A sub-tropical foliage plant, very decorative in pots or tubs, or bedded out; 10 feet. Pkt. 25c.



MIGNONETTE
GOLIATH



MYOSOTIS



GIANT JAPANESE MORNING GLORY

The robust vines attain a height of from 30 to 50 feet. The foliage is luxuriant, distinct and varied, mostly green, but many leaves are mottled light and dark green, white and gray.

But the surpassing charm of these "Giant Japanese Morning Glories" lies in the entrancing beauty and large size of the flowers; they measure from 3 to 4 inches across. The colors of the flowers, shadings and markings, are limitless. Some flowers are of deep, rich, velvety colors, other daintily tinted and shaded. There are reds from soft rose to crimson and garnet; daintiest blue to purple; snow-white to silver-gray, new terra-cotta and coffee-colored shades. Some flowers are striped, blotched and spotted; others have magnificent edges and throats.

Mixed Colors.....Per oz., 35c.; Pkt. 10c.
 Emperor of Japan. Crimson, with white margin and blush throat.....Pkt. 10c.
 Empress of Japan. Soft blue, with white margin and rose throat.....Pkt. 10c.
 Count Ito. Cream dotted with pink, maroon and carmine; yellow throat.....Pkt. 10c.
 Marquis Yamagata. Blush-pink, rose shadings; white margin.....Pkt. 10c.
 Ruffled and Frilled. The perfection of Morning Glories. Immense flowers, often as big as saucers, all wavy, ruffled and fluted from throat to margin, like crumpled velvet. They are simply magnificent. Mixed Colors...Per oz., 50c.; Pkt. 15c.
 Customer's Collection of Japanese Morning Glories—any three 10c. pkts. selected for 25c.

THE NEW GIANT WHITE MOONFLOWER

Ipomœa Grandiflora Maxima. This greatly improved variety of the popular Moonflower Vine, produces much larger flowers and in greater profusion. If grown in well enriched soil in a warm sunny location and given sufficient water while making growth, the vine will attain a height of from 60 to 75 feet during the summer season, and be covered with large lush green heart-shaped leaves, and will be studded from July until frost with immense saucer-shaped flowers 7 to 8 inches across and as glistening white as disks of white satin. They are also softly fragrant. The flowers open about sunset and close the next morning, though on cloudy days they remain open until noon. The effect, particularly on moonlit nights, is entrancingly beautiful.

Per 100 seeds, 50c.; Pkt. 10c.

BRAZILIAN Morning Glory

Ipomœa Setosa is the botanical name of this magnificent summer climbing annual. It grows with the greatest vigor and luxuriance. The leaves are 8 to 12 inches across, overlapping each other and making a dense shade. The vine is covered with short reddish hairs which, with its immense leaves and large clusters of curious seed capsules, render it highly ornamental. We know of nothing better for quickly covering a piazza, arbor or tree. The flowers are of beautiful rose color, and are borne in large clusters. Per 100 seeds, 50c.; Pkt. 10c.

"BABY BLUE" IPOMœEA

This entrancingly beautiful climber came to us a few years ago—only a few seeds—from a customer in the middle west who wanted us to grow it and identify the variety. The accompanying enthusiastic description we proved to be fully justified. We do not know the variety name but we do know that it is the most lovely light blue *Ipomœa* and different from any other we have ever seen. The vines grow luxuriantly about 15 feet high, well clothed with large durable leaves and commencing in July—from March sown seeds—the plants are sheathed until frost with white-throated light cerulean-blue flowers—about 2½ inches across and of such substance that they often remain open all day.

Per 100 seeds, 50c.; Pkt. 10c.

DOUBLE-FLOWERING MORNING GLORY

These beautiful climbing annuals are of very rapid and luxuriant growth; the flowers will come double, semi-double and a few, perhaps, single. The colors vary; there are various shades of blue, white spotted with red, white marbled with purple and lavender, crimson, pure white, etc.

Mixed Colors.....Per oz., 75c.; Pkt. 10c.

Double-White MORNING GLORY "Snow Fairy"

A very novel and beautiful Morning Glory—producing freely and all summer long—large pure white double flowers 2½ to 3 inches across; the funnel-like center being surrounded by numerous small curled petals—the whole flower being of tassel-like effect.....Pkt., 15c.; 2 Pkts. for 25c.

"I enclose a picture of the Japanese Morning Glory arches in front of my bungalow, 40 miles north of Pittsburgh. I am delighted with them, as the arches are completely covered with gorgeous flowers."

Mrs. A. HEILMAN, Kittanning, Pa.

"It might interest you to know that I secured first prize on yard gardens in our town last year. I believe it was due to the excellent success of my Zinnias, Morning Glories, Marigolds and Asters, which seeds I got from you."

Mrs. MAX WEINERT, Sequin, Texas.

"My wild flower garden this last summer from your seeds was very beautiful and admired by many."

Mrs. C. F. CLARK, Neenah, Wis.

"With a very few exceptions I think you will find that I have been sending my orders to you for twenty-six years. Your seeds have always given me entire satisfaction."

H. H. ABERNATHY, Hopkinsville, Ky.





NICOTIANA

Affinis Hybrids. Most showy and profuse-flowering garden annuals, giving a continuous display of brilliant flowers through summer and autumn; easily grown from seed, commencing to flower in a few weeks from sowing, thriving in a sunny position in any good garden soil. The plants, of branching, bushy habit, 2 to 3 feet high, carry the flowers in clusters, being literally ablaze with them. The flowers of these new hybrids measure $1\frac{1}{2}$ to 2 inches across and are very fragrant. Colors, purple, white, dark red, light red, salmon, crimson, violet, rose and pink. **Mixed Colors.**.....Pkt. 10c.

Affinis. The popular free-flowering variety; fragrant, star-shaped white flowers; annual, 3 feet high.....Pkt. 5c.

NIGELLA ("LOVE-IN-A-MIST")

Lovely garden annuals growing in oval bush form, about 12 to 15 inches in height. In the finely cut Fern-like green foliage nestle numerous large double flowers of light blue or white. The charming effect having suggested the popular names of "Love-in-a-Mist," "Devil-in-a-Bush," etc.

Miss Jekyll, Blue. Large, double, light blue.....Pkt. 10c.
Miss Jekyll, White. Pure white flowers.....Pkt. 10c.
Damascena, Double Mixed. The tall type.....Pkt. 5c.



OENOTHERA OR EVENING PRIMROSE

These are among our most beautiful plants for mixed garden beds and borders. They grow in branching form 1 to 2 feet in height and produce freely and continuously large single Poppy-like flowers of white, yellow, rose color, etc. The blossoms open early every evening and last well into the following day. They are of the easiest culture in any sunny situation.

Mixed Annual Varieties......Pkt. 5c.
Royal Rose. "Mexican Evening Primrose." Rosecolor. Pkt. 10c.

GIANT-FLOWERING MAURANDIAS

These are grand improvements over the older well-known climbers. The flowers are fully double the size, and the plants and foliage are correspondingly larger and more robust, attaining a height of 6 to 10 feet; the vines quickly hide trellis from view and are thickly studded with flowers nearly as large as Gloxinias. The plants from seed sown in spring will begin flowering by July and continue until frost.

Mixed Colors. White, rose and purple.....Pkt. 10c.

MINA-LOBATA

Splendid annual garden climber of luxuriant growth; 18 to 20 feet. Adapted for trellis, verandas, arbors, etc. The flowers, about an inch across, are borne in large clusters; color, blood-red, changing to orange. They flower profusely until killed by frost, and make a fine show.....Pkt. 10c.

NEMOPHILA

Splendid annuals about 1 foot high for garden decoration; clusters of bright colored flowers in shades of blue, white and violet, margined, dotted, etc., borne freely all summer long if grown in a rather cool, partially shaded situation.

Mixed Colors......Per oz., 20c.; Pkt. 5c.



NEMESIA

Triumph Hybrids. A splendid race of these popular annuals for bedding and pot culture. The plants grow 6 to 8 inches high, in round bush form, and bear continuously, during the summer, myriads of brilliantly colored flowers; cream, orange, yellow, crimson, rose, scarlet, etc., tipped with other colors.

Mixed Colors......Pkt. 10c.
Strumosa Reticulata. This new large flowering type is strikingly showy and distinct—the colors ranging from crimson to golden-yellow. They are reticulated, netted and mottled like a Mimulus.....Pkt. 15c.

Newton's Glories. A new and most notable hybrid strain of large-flowering Nemesias. Plants of compact, bushy growth, bearing a profusion of flowers the largest of all, in gorgeous colorings and lovely shades, including crimson, lemon, orange, purple, claret, etc., besides many that are tигed and spotted on delicate ground colors.

Pkt. 20c.

"It may be a matter of interest to you to know that the accompanying order makes the twenty-fifth year you have furnished seeds for my garden. My garden has changed in that period but the flowers are always of the same excellence and the first thrill of spring comes with the advent of 'Everything for the Garden'."

Mrs. A. J. NEBE, Van Dyke Ave.,
 March 28, 1917. Detroit, Mich.



Henderson's Giant-Flowering Tom-Thumb Nasturtiums

These Grand Bedding Nasturtiums have flowers often measuring three inches across, in a great variety of new and charming combinations of colors, while the brilliancy and velvety richness of the self-colored sorts have been greatly enhanced. For summer flower-beds nothing can surpass them; the plants form perfect mounds about one foot high by one foot across. Seed sown in the open ground in the spring will produce plants that bloom during early summer and continue until frost.

Giant-flowering Tom-Thumb, Mixed Colors. *Pkt.*, 10c.; three *Pkts.* 25c.; per ounce 15c.; $\frac{1}{4}$ lb., 50c.; lb., \$1.75.

Price for any named variety of Giant-Flowering Tom-Thumb Nasturtium: 10c. per large packet, any 3 packets for 25c. per ounce, 20c., any 3 ounces for 50c.

Mariposa. Yellow with terra-cotta blotches and red veins.

Golden Gate. Immense flowers of rich golden-orange.

Kaleidoscope. The flowers vary in color on a single plant, some being all yellow, others all red, while many are spotted and marked in diversified styles.

King of the Reds. Giant flowers of brilliant crimson-scarlet.

Rainbow. Canary, splashed, and shaded carmine and rose.

Gorgeous. Grand flowers of glowing salmony-apricot.

Henderson's Collection of Six Giant-Flowering Tom-Thumb Nasturtiums: one large packet each, 50c.

HENDERSON'S
DWARF NASTURTiums

Henderson's Giant-Flowering Climbing Nasturtiums

A new section distinguished by flowers of a large size and a richness and variety of colorings not to be found in Nasturtiums heretofore grown.

For covering trellises, fences, arbors, piazzas, trailing over rock-work, etc., nothing can equal the gorgeous effect produced by their marvelous quantities of bloom, borne in uninterrupted splendor from early summer until cut down by frost. Their ease of culture and luxuriant growth, 12 to 15 feet high, render these Nasturtiums worthy of great popularity.

Giant-flowering Climbing Nasturtiums. Mixed Colors. *Pkt.*, 10c.; three *Pkts.* for 25c.; oz., 15c.; $\frac{1}{4}$ lb., 50c.; lb., \$1.75.

PRICE: NAMED VARIETIES GIANT-FLowering CLIMBING NASTURTiums: *Pkt.*, 10c.; any three packets for 25c.; per ounce, 20c.; any three ounces 50c.

California. Enormous flowers of rich crimson-maroon, having a deeply fringed throat.

Twilight. Chamois-yellow, shaded salmon rose and splashed scarlet.

Sunlight. Pure, rich butter-yellow.

Moonlight. Lovely creamy-white.

Jupiter. Brilliant golden-yellow.

Ruby-rose. Ruby-rose shading into lighter and darker tints.

Salmon Queen. Rich glowing salmon color.

Red Spurred. Large flowers of different colors, blotched, spotted, red edged, etc., and all having unique red spurs.

Henderson's Collection of Eight Giant Flowering Tall Nasturtiums, one large packet each, 60c.

ORNAMENTAL CLIMBING NASTURTiums
LEAVED
Ivy-leaved Tall or Climbing. Beautiful leathery dark green foliage, resembling that of the English Ivy, against which the various colored fringed flowers make a fine contrast. Mixed Colors. *Pkt.* 10c.; oz., 20c.

Variegated-leaved Tall or Climbing. Foliage mottled and striped with cream, green, silver and yellow. Flowers of various beautiful colors in mixture. Oz., 20c. *Pkt.* 10c.

ORNAMENTAL TOM THUMB NASTURTiums
LEAVED
Variegated-leaved Dwarf or Bedding. The foliage is variegated in silver, green, yellow and cream; flowers of various beautiful colors. Oz., 20c. *Pkt.* 10c.

Ivy-leaved Dwarf or Bedding. Beautiful dark green, Ivy-like foliage composing an effective setting for the lovely flowers of various colors. Oz., 20c. *Pkt.* 10c.

SEE OTHER VARIETIES ON PAGE 117.

HENDERSON'S
GIANT CLIMBING NASTURTium



HENDERSON'S
SINGLE AND DOUBLE PETUNIAS

GIANTS OF CALIFORNIA
SEE OPPOSITE PAGE

HENDERSON'S GIANT DOUBLE and SINGLE PETUNIAS "Giants of California"

(Shown in colors on opposite page)

Henderson's GIANT SINGLE PETUNIAS

A strain of incomparable beauty and size. Most of the flowers are exquisitely ruffled or fringed on the edges, and all are of enormous dimensions, 4 to 5 inches across, but their great merits lie in the tremendous variety of colors, shades and markings, in most beautiful combinations. Some colors are rich and gorgeous and others of lovely delicate shades.

- Aurora.** Rose-pink, veined crimson.....Pkt. 20c.
Fimbriata Alba. White, with yellow throat.....20c.
Empress, No. 3. Lavender, toning off white, netted violet; throat black.....Pkt. 20c.
Kermesina, No. 4. Deep crimson.....20c.
Miranda. Rosy-red, with scarlet throat.....20c.
Pepita, No. 1. Marked carmine-scarlet on white.....20c.
Quadricolor, No. 7. Rose, netted carmine; throat blood-red with a star-like yellow center.....Pkt. 20c.
Queen Alexandra, No. 6. Carmine with purple throat, and yellow stripes that merge into white margin.....Pkt. 20c.
ROYAL PURPLE, No. 5. Rich royal purple with yellow throat..Pkt. 20c.
Titania. Royal-purple, edged white.....20c.
The Queen, No. 2. (New.) A lovely large fringed-flowered variety of rose-pink, variously marked with white; throat yellow.....Pkt. 25c.
Giant, Fringed, Single, Mixed Colors. Per 1,000 seeds, 75c.....Pkt. 15c.
Customer's Collection of Single Giant Petunias. Any three 20c. pkts. selected for 50c.

COMPACT BEDDING PETUNIAS

(P. *Nana Compacta Multiflora*.)

Dense, bushy little plants, only about 8 inches high; the flowers, while not large, in their profusion fairly hide the plants; beautiful for garden beds, edgings and pots.

- Inimitable.** Cherry-red, with a white throat.....Pkt. 10c.
Norma. Velvety-blue, with white center.....Pkt. 10c.
Pink Mound. Rosy-pink, with white throat.....Pkt. 10c.
Snowball. White flowers.....Pkt. 10c.
Compacta, Mixed Colors. Per 1,000 seeds, 35c.....Pkt. 10c.

CUSTOMER'S COLLECTIONS OF PETUNIA SEEDS. Any three 10c. pkts. for 25c. Any three 20c. pkts. for 50c. Any three 25c. pkts. for 60c.

PRAISE FOR HENDERSON'S PETUNIAS

"Doubtless it will please you to know that the results obtained from the Giant Single Fringed Petunia seed obtained from you this spring are the wonder and admiration of the neighborhood."

J. CEIFTON WHEAT, Cumberland Tel. & Tel. Co., Nashville, Tenn.

"I had a packet last year of your Giant Double Petunias, and they were a surprise not only to me but to all who saw them. They were pronounced the finest ever seen, and took first premium at our Fair here."

Mrs. C. E. CARPENTER, Cambridge, N. Y.

"I had a splendid display of Petunias from your seed. It fairly opened the eyes of growers here. Last year I got three firsts with them at the three most southern shows in the world—Riverton, Invercargill and Bluff. I tell my florist friends about your seeds."

Mr. JAMES HOOD, Riverton, Southland, New Zealand.

"I always have the best results from your Petunia seed."

Mr. JOHN B. RUDY, Florist, Elmira, N. Y.

"I raised some very nice Petunias from seed purchased this spring. I was very much pleased with them."

Mrs. FRANK A. SPAULDING, Brooklyn, Conn.

Henderson's GIANT DOUBLE PETUNIAS

These are as large as Hollyhocks; and very double. The edges are finely fringed, petals fluted and crinkled, intensifying and varying the colors with high lights and dark shadows, bringing out a richness and effect unmatched by crumpled velvet, which the flowers resemble. There is a variety of colors—selfs, blotched, veined, margined, etc.; in short, these Double Petunias are unsurpassed by any other strain in the world.

NOTE.—This strain of Double-flowering Petunias do not produce seed. The pollen from the doubles is transferred to the chosen singles which produce the seed: in consequence only about one-third of the progeny will be double-flowering plants, and these in the seedling stage are always the weaklings of the batch and are the ones to be coddled. Even the best double-flowering plants of these may only bear a single or semi-double flower at first.

- Brilliant Rose, No. 9.** Lovely bright rose-pink.....Pkt. 25c.
Violet. Rich, velvety purplish-violet.....Pkt. 25c.
Lady of the Lake, No. 8. Large, fringed, pure white.....Pkt. 25c.
Mixed Colors......25c.
Customer's Collection of Giant Double Petunias. Any three 25c. pkts. selected for 60c.

DOUBLE SELF-SEEDING PETUNIAS

This new strain is unique from the fact that the double flowers produce seed insuring a larger percentage of double-flowering plants (about 60 per cent.) than can be raised from singles artificially pollenized from double flowers which is necessary in producing all other Double Petunias from seed. The flowers of these Double Self-seeding Petunias are large—double—and include a variety of different colors.....Pkt. 25c.

BEDDING PETUNIAS

LARGE SINGLE BLOTCHED AND STRIPED

Bedding Petunias are almost indispensable for garden decoration. They flower in a few weeks' time from seed and continue to grow, bud and bloom in luxuriance until frost. The strain of seed we herewith offer is our very finest selection from this type of Petunia, producing large, single flowers, blotched, striped, netted, etc., including all the Petunia colors; height, 1 foot.

- Mixed Colors.** Per 1,000 seeds, 25c.....Pkt. 5c.
Snow Storm. Pure white flowers in greatest profusion; effective bedder. Pkt. 10c.
Purple Queen. Rich plum-purple; splendid companion to the above. Pkt. 10c.

CUSTOMER'S COLLECTIONS OF PETUNIA SEEDS. Any three 10c. pkts. for 25c. Any three 20c. pkts. for 50c. Any three 25c. pkts. for 60c.

NASTURTIUMS—Continued from page 115

LILLIPUT NASTURTIUMS

Superb little bedding Nasturtiums, smaller in growth, leaf and flower than the Tom-Thumb varieties. The Lilliputs make compact oval bushes 8 to 10 inches in height and are fairly sheeted with flowers throughout the season.

- Lilliput, Mixed Colors.**.....Oz., 15c.; Pkt. 10c.
Baby Rose. White with rose marking....." 20c.; " 10c.
Lady Cherry. Deep rich cherry-red....." 20c.; " 10c.
Fairy King. Old rose color....." 20c.; " 10c.
Snow Queen. Clear white....." 20c.; " 10c.
Collections, 1 pkt. each of the above 4 separate varieties......30c.

Burning Bush. Bushy plants about 12 inches high by 15 inches across. The glossy, dark green leaves are waved and lobed; flowers blood crimson, borne in clusters. Oz. 25c.....Pkt. 10c.

OLD FAVORITE NASTURTIUMS

- Tall or Climbing Varieties. Mixed Colors. Many sorts.**
 Per oz., 10c.; $\frac{1}{4}$ lb., 35c.; Per lb., \$1.25.....Pkt. 5c.
Imported Collection of 6 tall sorts, 25c.; 12 sorts......40c.
Dwarf or Tom-Thumb Varieties, Mixed Colors.
 Per oz., 10c.; $\frac{1}{4}$ lb., 35c.; Per lb., \$1.25.....Pkt. 5c.
Imported Collection of 6 dwarf sorts, 25c.; 12 sorts......40c.

TRAILING NASTURTIUM "Tom Pouce"

The vines grow only 2 feet long. Flowers small, but borne in profusion; colors, yellow, scarlet, orange and blotched. Peculiarly adapted as trailers for vases, window boxes, hanging baskets, rockwork, etc. Oz., 25c., Pkt. 10c.



Henderson's Superior GIANT TRIMARDEAU PANSIES

Years of scientific culture, hybridization and selection in raising Pansies have gradually evolved a superior race of luxuriant, robust growth and deep-rooting, drought-withstanding qualities; the flowers have also correspondingly improved in size, substance, form and colors. At first there were only one or two varieties in this class of Pansies, but annually one or more varieties would reach the goal of the Giants, until now we have such a complete variety of colors, that we discard all ordinary-sized Pansies.

Giant Atropurpurea. Velvety royal-purple.	Per 1,000 seeds, 50c.; Pkt. 10c.
" Canary Bird. Pure spotless yellow.	50c.; 10c.
" Emperor William. Indigo-blue, blotched black.	50c.; 10c.
" Fire King. Crimson-purple and golden-yellow.	50c.; 10c.
" King of the Blacks. Lustrous jet-black.	50c.; 10c.
" Lord Beaconsfield. Lavender, heliotrope and purple.	50c.; 10c.
" Mauve Queen. Rosy-lavender or mauve with a large bluish-carmine blotch on each of the lower petals.	10c.
" Morning Dawn. Flaming-red with golden-chamois.	10c.
" Peacock. (Gloriosa.) Garnet, cream and blue.	50c.; 10c.
" President Carnot. White with large violet blotches.	50c.; 10c.
" Prince Bismarck. Golden-bronze.	50c.; 10c.
" Prince Charming. Rose-pink, veined rosy-lilac.	50c.; 10c.
" Snow Queen. Spotless, snow-white.	50c.; 10c.
" Striped. White, blue, violet and chocolate.	50c.; 10c.
" Victoria. Ox-blood red.	50c.; 10c.
" White Treasure. White with three violet blotches.	50c.; 10c.
" Yellow. Golden-yellow, three maroon blotches.	50c.; 10c.
" Trimardeau. Mixed Colors. Per oz., \$3.00.	50c.; 10c.

HENDERSON'S COLLECTION OF 12 GIANT PANSIES
This collection contains one packet each of 12 of the largest and most beautiful Pansies in cultivation. Price, 75c.

"I want to tell you of my splendid success with your Giant Pansy seed. I bought a dollar collection last fall, planted them the 15th of September, and have had them in bloom six or seven weeks. They are beautiful, and I can sell all I want at 50 cents a dozen. I could tell you of many other beautiful flowers I've had from your seeds, but it would take too much time."

Jan. 12, 1917. Mrs. GEO. M. STUART, Dallas, Texas.

"The Pansies I raised this year were from Henderson's best grade Pansy seed and they were the most beautiful Pansies I had ever seen, with large, beautifully colored flowers on long stems, blossoming from early summer until about the 10th of November. I had several small beds of them and they were always covered with blossoms."

Nov. 27, 1916. Miss GERTRUDE BENNETT, Black Earth, Wis.

"I have some of the most beautiful Pansies grown from seed purchased from you."

May 23, 1916. J. FRANK LITTLE, Endicott, N. Y.

HENDERSON'S MAMMOTH PARISIAN PANSIES

The Parisian Pansies are distinguished by their magnificent and varied colors and strong markings. There is usually a large "blotch" on each of the five petals, with a surrounding band of some strikingly contrasting color, over all of which is thrown a cobweb-like netting of yet another hue. The combinations prevailing are composed of shades of cinnamon, violet, canary and orange-yellow, black, garnet, light blue, indigo, cream, etc. These Pansies have been brought up to a high standard of excellence, the flowers being of fine substance, perfect shape and of mammoth size, measuring, when properly cultivated, four inches across. A large number of these Pansies are also very fragrant.

Mixed Colors. Per 1,000 seeds, 60c. Pkt. 15c. 2 pkts. for 25c.

Aureolia. The under or "ground-color" of the three lower petals varies from rose to carmine red, ornamented with a purplish blotch and radiating veins on each; the upper petals are cream-yellow with pink or rose border.

Per 1,000 seeds, 75c.; Pkt. 15c.

Bridesmaid. Blush white underlies the central suffusion of wine-pink. Lower petals embellished with violet blotches and radiations. 75c.; 15c.

Madame Perret. The under colorings are light or white, marbled, spotted, flamed or blotched, with carmine, purple, etc., in a variety of effects. 75c.; 15c.

Mercury. Superb deep velvety-purple, with violet black blotch on each of the three lower petals, golden eye, very rich. 75c.; 15c.

Orchid. A charming merging of delicate colorings typifies these new "Orchid or Cattleya-flowered" pansies, such as cream, pale mauve, bluish-pink, canary, apricot, rose, etc. 75c.; 15c.

Psyche. A Giant waved form of President Carnot. The coloring is white with a large violet-blue center overlaid with radiations of purple. 75c.; 15c.

Super-5-Blotched. A blend of the best giant Cassier, Odier and Bugnots five-blotched pansies. The ground or under-colors are shades of white, yellow or red and each of the five petals is overlaid with a large blotch of violet, purple, maroon, claret, orange, etc. 75c.; 15c.

Vulcan. A new giant frilled variety of very rich blood-red with a deep purple central blotch on each petal. 75c.; 15c.

"I have bought Pansy seed from a good many parties, but I never had, or have seen, any that equals those I got from you."

May 22, 1916. OBE LASII, Vermont, Ill.
"Last August I planted some of your Pansy seed in cold frames for this spring's planting. They have done so well, and are still blooming at this date, that I am going to try them again."

J. E. BUTLER, Llanerch, Pa.

HENDERSON'S GIANT RUFFLED PANSIES

A remarkable strain of Giant Pansies, the flowers of which are so large and full that the broad petals seem to be "gathered" to the stem, causing them to be undulated and fluted from center to circumference, not unlike "frilled" velvet. The unusual substance of the flowers, aided by these corrugations, thus enables them to present bold, open and handsome faces, even during windy or dry summer weather, when other Pansy flowers droop or wilt. The flowers are extraordinary large and are borne on strong stems well above the foliage; they are nearly all five-blotched on the "Odier" pattern, and contain rich combinations of coloring, including some new tints and blendings not met with in other Pansies. The plants are vigorous and large, and flower abundantly.

Mixed Colors. Per 1,000 seeds, 60c. Pkt. 15c. 2 pkts. for 25c.

FREE TO CUSTOMERS: Henderson's new leaflet, "How to Grow Pansies to Perfection"

HENDERSON'S

Mammoth Butterfly Pansies

Competed with the best from all over the world at the Columbian and other Expositions and were AWARDED MEDALS

Henderson's Mammoth Butterfly Pansies—in mixture—have been famous many years for their superior size, perfection of form, marvelous diversity of colorings, superb markings, as well as for robust plant growth—deep rooting frost and heat resisting qualities and freedom of bloom. This "Butterfly" race originated with Mr. Peter Henderson—who was particularly fond of pansies and could be seen almost any morning during "pansy season" walking around the beds—and through his pansy trials from the best American, English, Scotch, French and German pansy specialists. A boy with trowel and "flat" followed and lifted any plant indicated by Mr. Henderson—which meant that it fulfilled all of his expert and critical requirements and was to be transferred to the "Butterfly" bed and associate with the "quality" pansies—the best from all over the world. This process of selection and elimination has been persisted in by us ever since, and from the legion of "most beautiful" pansies among Henderson's Butterflies we have chosen this offering.

Henderson's Mammoth Butterfly Pansies in Mixed Colors, 15c. per pkt. of 150 seeds; 2 pkts. for 25c.; 60c. per 1,000 seeds. Are best described by those who have grown them.

WORDS OF PRAISE FROM CUSTOMERS

"The Butterfly Pansies which I sowed last August and carried over the winter in cold frames have been the wonder and admiration of all who have seen them. They have been in constant bloom since early spring."

Miss ETHEL M. ZOLLMAN, Pittsford, N. Y.

"I had the Mammoth Butterfly Pansies last summer and was delighted with them. In fact I never expect to have a more perfect Pansy bed than I had last summer. We picked some after the snow came."

Miss HELENE BOYCE, 12 Pine St., Tunkhannock, Pa.

"The Butterfly Pansies were handsome and bloomed till snow covered them. Our neighbors' early Pansies, which they bought in bloom from the flower dealers, had ceased to bloom in July and early August."

GUSTAVUS A. RICE, 4923 Greene St., Philadelphia, Pa.

"We are very much pleased with the Butterfly Pansy seed you sent us last year."

CHRIS. MESSERLE, Loudonville, N. Y.

"I had some of your packages of flower seeds, and my Asters and Pansies from them were magnificent. All my neighbors want seed from me."

Mrs. E. F. WADE, Knappa, Oregon.

"I had a bed of Butterfly Pansies last spring which was admired by everyone who saw it and I want another just like it next spring."

Mrs. ROBT. MOORE, 118 So. 63d St., Birmingham, Ala.

HENDERSON'S GIANT MOTTLED PANSIES

A distinct new type of Pansies of greatest merit. The flowers are of giant size and are borne in profusion—well-grown they measure 3 to 3½ inches across—and of most gorgeous effects, blotched, spotted, marbled, veined, striped and blended, colors passing through reds, rose, pink, white, purple, in beautiful and indescribable variegation.

Mixed Colors. Per 1,000 seeds, 60c. Pkt., 15c. 2 pkts. for 25c.

VARIOUS POPULAR STRAINS OF PANSIES

Bedding. Finest mixed.....	Per 1,000 seeds, 25c.;	Pkt. 5c.
Cassier's 5 Blotched Odier. Mixed...	" " 60c.;	15c.
Bugnot's Large Stained French. Mixed	" " 60c.;	15c.
English Choicest Show. Mixed.....	" " 75c.;	25c.

WORLD RECORD FOR HARDY EARLY-FLOWERING PANSIES

This new race of Pansies promises to be an important introduction on account of the extreme hardness of the plants and in consequence their earliness in flowering. With slight protection, such as meadow hay, leaves or similar material, full-grown plants winter over in the open ground—even in very cold latitudes—and commence flowering in early spring with the Snowdrop and Crocus, or from four to six weeks earlier than other Pansies. In fact, we gathered flowers several times during the past winter by lifting the snow-covered hay. Even spring-sown plants will commence flowering much sooner than other Pansies, and the deep fibrous-rooted plants—being less susceptible to hot weather—continue to bloom in increasing profusion well in to late summer with but little if any diminution in size of flowers. The flowers, while not of "giant" size, yet are as large as those of ordinary Pansies and, moreover, are delicately fragrant—indicating the Violet blood in their make-up. At present we can offer only four varieties:

Celestial Queen. Bright sky-blue, tinted lavender, small yellow eye.....	Pkt. 25c.
Ice King. Silvery white, with deep blue blotch on lower petals. . . .	25c.
March Beauty. Rich velvety violet-purple, with yellow eye. . . .	25c.
Winter Sun. Golden yellow with maroon blotch on lower petals. . .	25c.
World Record Pansies, Mixed Colors.....	25c.
Customer's Selection. Any two pkts. for 40c., or the collection of five pkts. for \$1.00.	

HENDERSON'S GARDEN PLANS AND SUGGESTIONS tells much about creating flower gardens from seeds. Free if asked for when ordering.



HENDERSON'S MAMMOTH BUTTERFLY PANSIES

PENTSTEMON

Pentstemons should be grown as half-hardy annuals, they are then a valuable addition to beds and borders in summer. The seedlings produce an abundance of scarlet and pink shades with white markings which are very attractive. Pentstemons are best grown in beds, or in groups of not less than twelve plants in borders, where they will give a brilliant color effect. If sown indoors during February or March and planted out in genial weather there will be a profusion of richly colored flowers on tall spikes. Height 2 feet.

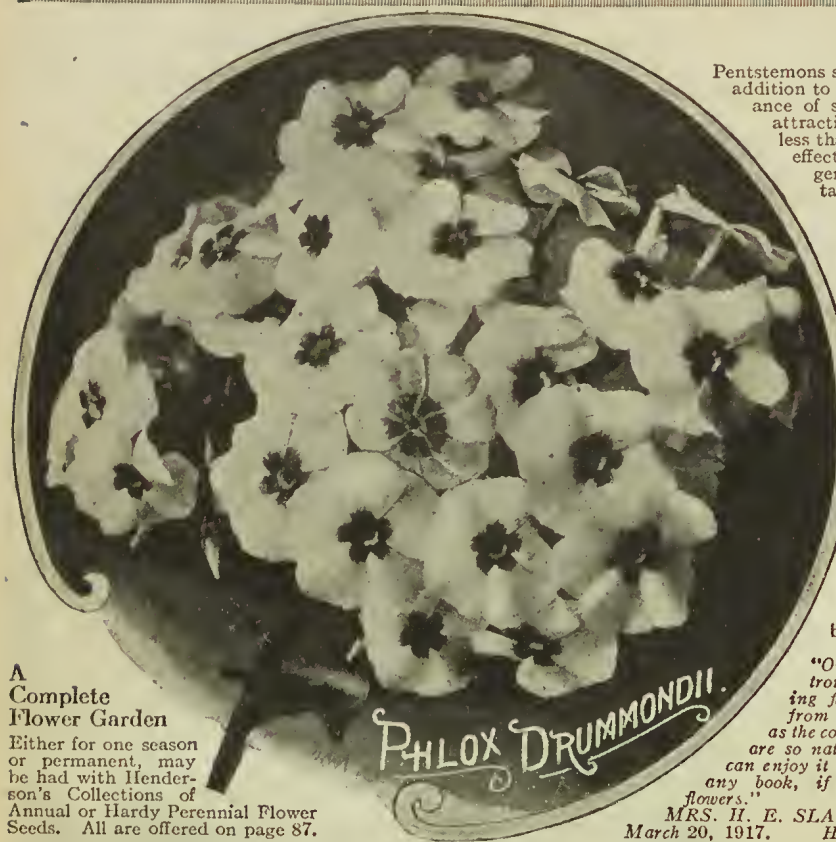
"Sensation." A Giant Gloxinia-flowered type; though perennial, these bloom early the first season from spring-sown seed. The graceful spikes, about 2 feet high, are bedecked with flowers, two inches across, from July until frost. The colors and markings are gorgeously varied from pink to scarlet and maroon, all beautifully blotched and veined with other colors; a large white throat further enlivens and intensifies the surrounding colors. They deserve a prominent place in every garden. Pkt. 10c.

Hartwegii Albus. A fine new variety and the first pure white Pentstemon. The plants are healthy, free growers with brilliant green foliage. The flower spikes are about 2½ feet high, branch out freely from the base and are thickly furnished with large open-throated clear white flowers, though in bud and opening they are shaded cream. It is a remarkably early and long-blooming variety, especially effective in garden beds and borders, and when cut the long spikes of white are exquisitely decorative in vases, etc. Pkt. 20c.

Rocky Mountain Pentstemon. (P. Cyananthus.) A lovely and showy species and as hardy as a rock. Compact spikes of lovely azure-blue flowers. Pkt. 15c.

"One can have no trouble in ordering flower seeds from your book, as the colored plates are so natural. One can enjoy it as much as any book, if one likes flowers."

MRS. H. E. SLATER,
March 20, 1917. Hunt, N. Y.



A Complete Flower Garden

Either for one season or permanent, may be had with Henderson's Collections of Annual or Hardy Perennial Flower Seeds. All are offered on page 87.

PHLOX DRUMMONDII GRANDIFLORA

For beds and massing nothing can surpass these beautiful annuals. They produce immense trusses of large brilliant flowers of numberless hues throughout the summer; 1½ feet high. Our large-flowering Phlox is an improved strain, extra large, perfectly round flowers, with overlapping petals. They are of easy culture—amplly repaying generous treatment—succeeding in all sunny positions, beginning to bloom in early summer from spring-sown seed and continuing until close of autumn.

Per 1,000 seeds; Pkt.
Alba. White. 30c. 5c.
Chamois-rose. Salmon-pink, orange eye. 30c. 5c.

Per 1,000 seeds; Pkt.
Coccinea. Brilliant scarlet. 30c. 5c.
Grandiflora Splendens. Dazzling scarlet with large white eye. 30c. 5c.
Brilliant Rose. Pink and rose. 30c. 5c.
Isabellina. Yellow, garnet eye. 30c. 5c.
Mixed Colors. 25c. 5c.
Star-Eyed (stellata), Mixed Colors. Grand large flowers, beautiful colors, each flower having a white star-like eye. 10c.

Imported Collection of Phlox Drummondii Grandiflora, 6 varieties 25c.; 12 varieties 40c.

Henderson's JUBILEE PHLOX

Grand acquisitions, forming sturdy little bushes only eight inches high, producing masses of bloom from ground to summit. The flowers, borne in immense trusses, are unusually large and of superior substance. For bedding this is a most brilliantly effective annual type.

Brilliant mixture, of several shades and colors, pkt., 10c.; 1,000 seeds 40c.

HARDY PHLOX Large-Flowering Hybrids

Noble flowering plants for permanent beds in the garden and herbaceous border, bearing immense panicles of large and bright-colored flowers, among which some new and beautiful colors and shades are likely to be found, as well as the usual range through reds from vermilion to pink and blush, salmon shades, white, striped, dotted, zoned, etc. The plants are perfectly hardy, 2 to 3 feet high, growing and flowering with increasing luxuriance year after year, and remaining in bloom during the late summer months.

Large-flowering Hybrids, Mixed Colors.

Per 1,000 seeds, 75c. Pkt. 10c.

Dwarf, Large-flowering Hybrids, Mixed Colors. Per 1,000 seeds, \$1.00. Pkt. 25c.



Henderson's Giant Double Poppies

"BRILLIANT BLEND"

These Annual Poppies are sturdy, luxuriant growers about 2½ feet high, bearing immense double flowers 4 to 5 inches in diameter, or as large as Peonies. Some of the flowers have broad, round, smooth-edged petals, and are of imposing effect; others have laciniated and fringed edges which add a charming grace; but the climaxing merit of all is the wonderful variety of coloring, ranging from the most gorgeous down through innumerable shades to purest white; many are also striped, blended and edged with other colors. When grown in masses the floral panorama is of almost unimagined beauty. They are of the easiest possible culture; the seed only needs to be sown thinly in May where the plants are to remain.

"Brilliant Blend" Mixture. Per 1,000 seeds, 25c.; per oz., 50c.; Pkt. 10c.

"It may interest you to know that Henderson's Giant Double Poppies were planted alongside poppies from two other noted seed houses and yours far surpassed, both in size and beauty. The colors are the prettiest imaginable; many people see them and say they never saw such beautiful poppies."

EDGAR VAIL, Yorktown Heights, N. Y.

HENDERSON'S Giant Shirley Poppies

A great advance in single annual Poppies. The flowers are immense, often 4 inches across, the petals are fluted and crinkled and in the sunlight appear like ruffled satin. The plants are well branched, about 12 inches high, and bloom in continuous succession for weeks. There are white, white-splashed crimson, rose banded with white, salmon, carmine, blush, scarlet, and many splashed, striped, dotted, edged, etc. If cut in the bud state and the stems put in water, the flowers will open as well as on the plant, and the effect of a vase of Shirley Poppies is immensely graceful and beautiful.

Fiery-Scarlet. Orange-scarlet with white edge and base. Pkt. 10c.

Deep Pink. Beautiful pink, toned deep rose-pink. 10c.

Pure White. Like crinkled white satin. 10c.

Mixed Colors. Per 1,000 seeds, 25c.; per oz., 50c. 10c.

Customer's Collection of Giant Shirley Poppies, any three 10c. pkts. selected for 25c.

"I enclose a photo of my poppies, raised from your seed. My poppy bed (Shirley) is magnificent and has been so much admired that I wanted you to see how fine they are."

N. L. WRIGHT, 603 Federal St., Lynchburg, Va.

Double "Featherball" Poppies

These double-fringed annual Poppies are very beautiful; they belong to the Carnation-flowered type, the large flowers having the same globe-shaped formation, with gracefully fringed-edged petals like big balls of slashed tissue paper or feathers; plants of dwarf branching growth only 15 to 18 inches high, each plant carrying several of these large exquisite flowers.

Mixed Colors. Per oz., 35c.; Pkt. 10c.

Various Annual Poppies

French Ranunculus-flowered, Double Mixed. The double Ranunculus Poppies stand high in popular favor—being remarkable for their freedom of bloom and their ease of culture. As cut flowers taken before fully developed, they last several days in water. Per oz., 25c.; Pkt., 5c.

Peony-flowered. Robust plants, 2 feet high, with immense double peony-like flowers, 3 to 4 inches in diameter, in many beautiful colors and combinations. Mixed Colors. Per oz., 25c.; Pkt., 5c.

Carnation-flowered. Thrifty, upright varieties 2 feet high; flowers of large globular form with slashed or fringed petals. Colors and combinations beautiful and varied. Mixed Colors.

Per oz., 25c.; Pkt., 5c.

Imported Collection of Carnation-flowered Poppies, 6 varieties, 25c.; 12 varieties, 40c.

English Scarlet Field Poppy, the famous Scarlet Poppy of the English fields. Per oz., 25c.; Pkt., 5c.

King Edward. A large-flowering single Poppy, 2½ feet high, with deep scarlet flowers, shaded crimson, and a large dark blotch at base of each petal. . . . Pkt., 10c.

Virginian Poppy. A beautiful single Poppy, with large white flowers having a deeply fringed edge of soft pink. Pkt., 10c.

Glaucum. (The Scarlet Tulip Poppy.) Beautiful large Tulip-shaped flowers of brilliant scarlet. 1 foot. Per oz., 50c.; Pkt., 10c.

Customer's Collection of Poppies, any three 10c. pkts. selected for 25c.

Henderson's New Garden Guide and Record for 1918

The wonderful popularity of this little gardening handbook continues to increase. Much of the matter has been suggested by our patrons' questions and our answers regarding many perplexing points, which are not often covered in larger books on gardening. For details of contents see page 3. Price 25c.—or free with orders of \$2.00 or over if asked for.

HENDERSON'S GARDEN PLANS AND SUGGESTIONS

tells how to make flower gardens from seeds. Sent free if asked for when ordering.



Giant Oriental Hardy Poppies

Among hardy perennials these hold an unrivaled position for gorgeous effectiveness in gardens and hardy borders; height, 2 to 3 feet; flowers immense, often 6 inches or more across. They are also grand, cut in bud state, for vases.

Beauty of Livermere. Crimson with black blotch..... Pkt. 15c.
Blush Queen. Blush-pink..... 15c.
Colosseum. Flowers 8 inches across. Color, rich, shiny, dark scarlet, with a black spot at the base of each petal..... 15c.
Mrs. Perry. A grand, new variety with large, pure, satiny-white flowers, having a bold, crimson base. Extremely beautiful and rare..... 15c.
Princess Victoria Louise. Salmon-scarlet..... 15c.
Salmon Queen. Salmon-yellow..... 15c.
Rembrandt. Orange-scarlet..... 15c.
Dark Scarlet...... 15c.
Oriental Hybrids, Mixed Colors. Per 1,000 seeds, 50c..... 10c.
Customer's Collection of Giant Oriental Poppies. Any two 15c. pkts. for 25c.; any four selected for 50c.



PLATYCODON

Large-flowered Chinese Bell Flower. (*P. grandiflora*.) Hardy perennials, bearing large broad, bell-shaped white or blue flowers; very handsome for garden decoration; 1½ feet.

Grandiflora, Mixed Colors. Per 1,000 seeds, 35c..... Pkt. 10c.

Platycodon Mariesii. (*Wahlenbergia grandiflora nana*.) Very handsome dwarf compact growing "Chinese Bell-Flowers" forming dense little round bushes about 12 inches high and bearing abundantly, broad bell-shaped flowers about 3 inches across, of white and varying shades of blue from lavender to purple.

Mixed Colors. Per 1,000 seeds, 60c..... Pkt. 10c.



ICELAND POPPIES (*Papaver nudicaule*)

Although hardy perennials, these dwarf Poppies bloom the first season from spring-sown seed. The fragrant, elegant, crushed satin-like flowers are produced in never-ceasing succession from the beginning of June to October; fine for cutting.

Yellow...... Pkt. 10c.
Scarlet...... Pkt. 10c.
White...... Pkt. 10c.
Rose Color...... Pkt. 10c.
Gold Tinged red...... Pkt. 10c.
Mixed Colors. Per 1,600 seeds, 50c. Pkt. 10c.

Customer's Collection of Iceland Poppies. Any three 10c. pkts. selected for 25c.

Storrie's New Iceland Poppies. This new strain contains many new colors and shades, including bluish, salmon, coral - pink, orange - rose, white, lemon, orange, striped, flecked, edged, blended, etc. **Mixed Colors.** Per 1,000 seeds, 75c.; Pkt. 15c.

PORTULACA

Brilliant garden annuals, 6 inches high, luxuriating in warm, dry, sunny situations, and blooming profusely from early summer to autumn. For low beds and masses of color, from spring until frost, they are indispensable; colors range through innumerable shades of red, yellow, pink, striped, white, etc.

Single, Mixed Colors. Per oz. 40c., Pkt. 5c.

Double, Mixed Colors. These make perfectly gorgeous masses of color; the flowers of the double sorts are like little roses. Per 1,000 seeds, 25c..... Pkt. 10c.

Imported Collection of Double Portulaca, 12 varieties..... Pkt. 75c.

Parana. Immense single blossoms averaging 3 inches across; color bright ruby-red, Pkt. 10c.



HENDERSON'S GARDEN GUIDE

Revised for 1917—and much new and valuable gardening information added—no other gardening book we ever sent out has received as much praise.

Free with orders of \$2.00 or over if asked for when ordering. (See page 3.)

Popular Edition "PICTURESQUE GARDENS" BY CHARLES HENDERSON "This new illustrated garden book should gain a wide distribution among lovers of fine gardens and artistic home surroundings." \$1.00 postpaid See page 204. NEW ENGLAND FARMER.

PRIMROSES GIANT FRINGED CHINESE

(*Primula Sinensis Grandiflora Fimbriata*)

Chinese Primroses are among our finest winter and spring blooming pot plants; of healthy, sturdy growth, 8 to 12 inches high, and free from insects; while they produce for weeks large trusses of flowers, which, in our new Giant varieties, average from 4½ to 6 inches in circumference.

Giant, Single, Mixed Colors..... Pkt. 25c.
Giant, Double, Mixed Colors..... 50c.

GIANT STAR PRIMROSES

(*Primula Stellata Hybrida Gigantea*)

This distinct and beautiful type should be better known, for it is an unrivaled winter and spring flowering pot plant and for table decoration unique and effective. The attractive dark foliage on purple stems makes a striking contrast to the innumerable star-shaped flowers borne in graceful pyramidal clusters. The flowers of this new type are much larger than the old type *Stellatas* and of greater substance.

Mixed Colors..... Pkt. 25c.



PRIMULA OBCONICA GIGANTEA

These "Ever-flowering Primroses" are favorite pot plants for house and conservatory. The Chinese Primroses will have to look to their laurels, for this new giant *Obconica* race is looming up in size of flowers, many of them measuring 1½ inches across, equalling in dimensions those of their Chinese rivals, with the added merit of being easier grown and having a longer duration of bloom. Several colors in mixture, white, crimson, rose, violet, lilac, pink-eyed sorts, etc..... Pkt. 25c.

PRIMULA MALACOIDES

This new race of Primroses from the mountains of China has proven most profuse-flowering for pot culture. The plants form rosettes of light green leaves from which numerous wiry stems—8 to 10 inches in height—gracefully carry whorls of flowers ½ to ¾ of an inch across. They are easily grown from seed and commence flowering in about 4 months from sowing and continue to bloom in increasing profusion for many weeks. A cool situation indoors or in the conservatory suits them to perfection.

P. *Malacoides*. Lilac-colored flowers.... Pkt. 20c.
P. *Malacoides Alba*. Pure white flowers. Pkt. 25c.
P. *Malacoides Rosea*. Lovely rose-pink flowers. Pkt. 25c.

Customer's Collection of Primulas—any three 10c. pkts. for 25c.; any three 25c. pkts. for 60c.

"The *Primula Malacoides* seed that I purchased from you last spring turned out most beautifully and my plants this winter are simply magnificent."

Mrs. M. H. TEBBS, Leesburg, Va.



Hardy PRIMROSES

These are very popular early spring flowering plants—hardy, though in very cold localities they should have light protection—meadow hay, leaves or similar material, such as given Pansies, Bellis, Forget-Me-Nots, etc., or they all may be wintered over in cold frames.

AURICULA—P. Auricula

Beautiful low-growing, early spring-flowering plants, fine for borders, pot culture, etc.; the fragrant flowers of many rich colors are borne in clusters on the top of stalks 4 to 6 inches long..... Pkt. 10c.

COWSLIP—Primula Veris

This beautiful spring-flowering dwarf hardy perennial bears clusters of fragrant flowers of various colors; height, 6 inches..... Pkt. 10c.

HARDY BLUE PRIMROSE—Primula Acaulis

A beautiful blue-flowered type of the popular old English yellow Primrose. Equally as hardy, and a fitting companion for naturalizing among shrubs, in turf or the herbaceous border..... Pkt. 25c.

PRIMULA JAPONICA HYBRIDS

These grand, new Japan Primroses are perfectly hardy—forming stately, robust plants that carry large trusses of bloom standing 3 to 3½ feet above the ground. The colors range from pure white through shades of pink to deep crimson..... Pkt. 25c.

POLYANTHUS—Primula Elatior

An early-blooming Primrose for spring flower beds or pot culture; the large umbels of flowers of various colors, edged and laced, are borne on stalks 8 inches tall. Mixed Colors..... Pkt. 10c.
Customer's Collection of Primulas—any three 10c. pkts. selected for 25c.; any three 25c. pkts. for 60c.



PYRETHRUM HYBRIDUM

Valuable hardy herbaceous garden plants with large single or double flowers, 3 to 4 inches across, of rose, flesh, pink, white, crimson, etc.; freely borne on stems about 2 feet high; they remain in bloom a long time.

Single, Large-flowering. Mixed Colors. *Pkt.* 10c.
Double, Large-flowering. Mixed Colors. *Pkt.* 25c.

Yellow-Leaved PYRETHRUM or GOLDEN FEATHER

Dwarf plants about 8 inches high, extensively used for ribbon and carpet bedding; foliage of bright yellow. Usually grown as annuals, although perennials.

Aureum. (Golden Feather.) Yellow foliage; $\frac{3}{4}$ foot. *Per* 1,000 seeds, 25c. *Pkt.* 5c.

RHODANTHE or STRAWFLOWER

Elegant garden annuals, 9 to 12 inches in height. They flower early and continue for a long time. They are also used as pot plants for apartments, on account of the durability of the flowers. As an "Everlasting" for dried winter bouquets they are indispensable. Flowers of various colors, white, pink, red, etc., in mixture. *Pkt.* 5c.

**SCHIZANTHUS.****SALVIA SPLENDENS or SCARLET SAGE**

Scarlet Dragon. A most magnificent summer and autumn-flowering bedding plant. The old *Salvia Splendens*, or Scarlet Sage, has long been a favorite, and our customers can partially appreciate the superiority of this new variety when we state that the flowers are nearly double the size, closely crowding the immense spikes that often measure 6 inches across. Full-grown plants in bloom form compact bushes 3 feet through by 3 feet high, and bloom from ground to summit. The waving masses of glistening scarlet against green surroundings of lawn or foliage is matchless. *Per* 1,000 seeds, 75c.; *Per* $\frac{1}{4}$ oz., \$1.00; two *Pkts.* for 25c. *Pkt.* 15c.

Bonfire. Very compact oval bushes, $2\frac{1}{2}$ feet high; brilliant scarlet flowers. The spikes stand out stiff and erect; over 200 spikes to a plant is not unusual, and the spikes bear from 20 to 30 flowers each. *Per* $\frac{1}{4}$ oz. 75c. *Per* 1,000 seeds, 60c. *Pkt.* 10c.

Tom-Thumb Zurich. Of dwarf, compact growth, forming oval bushes 15 to 18 inches high, thickly studded with fine spikes of scarlet flowers. For bedding it is brilliantly effective, either planted alone or as a front row for the taller Salvias. *Per* 1,000 seeds, 75c.; two *Pkts.* for 25c. *Pkt.* 15c.

**SALPIGLOSSIS****Salvia Splendens or Scarlet Sage—Con.**

Splendens, or Scarlet Sage. The old favorite bedding variety so extensively grown. Bushy garden plants about 3 feet high, producing during the summer and fall dazzling scarlet flowers in profusion. It does best in full sunshine, but for best effect should have a dark green background. *Per* 1,000 seeds, 50c. *Pkt.* 10c.

**ZURICH****RICINUS or CASTOR OIL PLANT**

Noble annual foliage plants of luxuriant and rapid growth, attaining a height of from 5 to 10 feet, producing large Palm-like leaves about 3 feet across, of majestic sub-tropical effect; grown either as specimens or in groups.

Ricinus Panormitanus. A cross between *Ricinus Cambodgiensis* and *Zanzibariensis*, which inherits its color from the former, and from the latter its gigantic dimensions. The plant has a noble, upright habit and when fully developed forms a huge symmetrical bush of wonderfully ornamental aspect.

Per oz., 40c. *Pkt.* 10c.

Zanzibariensis. Immense leaves, green, brown, or purplish. *Per* oz., 30c. *Pkt.* 5c.

Borboniensis. Immense green foliage; 15 feet. *Per* oz., 30c. *Pkt.* 5c.

Ricinus Cambodgiensis. Maroon foliage, black stems. *Per* oz., 30c. *Pkt.* 5c.

Mixed Varieties. *Per* oz., 25c. *Pkt.* 5c.

EMPEROR SALPIGLOSSIS

A new giant flowering race of this beautiful and popular garden annual. The immense, Petunia-like flowers are borne on dwarf, sturdy branching plants, not exceeding 24 inches in height, and do not require staking. The colors, red, blue, yellow, pink, etc., in various shades, are intricately netted, penciled and veined with golden-yellow or other colors. They are of the easiest culture and flower profusely during the summer. A bed of Emperor Salpiglossis in flower is strikingly beautiful. The long-stemmed flowers are also fine for cut flower decorations.

Light Blue. Veined gold *Pkt.* 10c.

Pink. 10c.

Lilac. Veined gold 10c.

Bright Crimson. 10c.

Purple-violet. Veined gold. 10c.

Golden-yellow. 10c.

Mixed Colors. *Per* 1,000 seeds, 50c. 10c.

Imported Collection of Salpiglossis, 6 varieties. 35c.

Customer's Selection of Emperor Salpiglossis—any three 10c. pkts. for 25c.

**SCARLET DRAGON**

A bed of Scarlet Dragon Salvia with an outer row of Tom-Thumb Zurich is magnificently effective. We offer 1 package of each for 25c.

Henderson's GARDEN GUIDE and RECORD

described on page 3

Free with orders of \$2.00 or over

Includes Growing Flowers from Seeds, Aid to Selection for Different Purposes, List of Fragrant Flowers, etc.

HENDERSON'S SELECTED SCABIOSA

(Scabiosa Maxima plena)

"Sweet Scabious" or "Mourning Bride"

SHOWN IN COLORS ON THIS PAGE

A new double, large-flowered annual type descended from the "Sweet Scabious" or "Mourning Bride" of old gardens, but are much improved in size, colors and doubleness. Many of the flowers measure 6 to 9 inches in circumference, are double clear to the center, and have long stems. They are very free bloomers; very effective for garden decoration and valuable for bouquets, vases, etc.; very fragrant. Annuals, 1½ to 2 feet high.

Royal Purple.....	Pkt. 10c.
Snowball. Pure white.....	10c.
Golden-yellow.....	10c.
Fiery-scarlet.....	10c.
Azure Fairy. Light blue.....	10c.
Cerise. Lovely cerise-red.....	10c.
Maxima Plena, Mixed Colors.....	Per 1,000 seeds, 50c.; Pkt. 10c.
Collection of above 6 separate varieties.....	50c.
Customer's Selection of Scabiosa—any three 10c. pkts for 25c.	

SCABIOSA, Hardy Varieties

Caucasica Perfecta. The old "Caucasian Scabious" is recognized as one of our handsomest hardy perennials, forming dense, spreading plants 2 to 3 feet high, thriving in any ordinary garden soil. In this new variety, "Perfecta," we have attained the highest perfection of this type; the semi-double flowers, 3 to 4 inches across, are poised on stalks 1½ to 2 feet long, making them of exceptional value cut for vases, etc. The coloring of the flowers is a beautiful lilac-blue shading to deep blue.....Pkt. 15c.

Caucasica Alba. A large, pure white variety; counterpart of the above; beautiful; the flowers, 3 to 4 inches across, on long stems, are exquisite for vases, lasting a long time in water, and they are borne freely like those of its blue-colored parent from early summer to late fall.....Pkt. 25c.

SCABIOSA JAPONICA

A new hardy perennial Scabious from Japan, forming large bushes 2½ to 3 feet in height and breadth, with elegant light green foliage. Flowers 2 to 2½ inches across, on long wiry stems from 15 to 20 inches in length, of a beautiful mauve or lavender-blue. The plants, extremely free-flowering, produce their lovely flowers continuously from the end of June until late in the autumn.....Pkt. 10c.

One packet each of the three hardy Scabiosas, Perfecta, Alba and Japonica, for 40c.

SCHIZANTHUS

Wonderfully showy annuals; very decorative for garden beds and unsurpassed in pots for the conservatory, where by successive sowing a continuous display may be enjoyed almost the year round. The plants are of compact, branchy growth 1½ to 2 feet high and are literally sheeted with exquisite, butterfly-like flowers much larger than those of the ordinary Schizanthus, and include beautiful new color combinations. (See engraving, page 124.)

Wisetonensis Hybrids, Large-flowering, Mixed Colors. Beautiful colors and combinations in great variety.....Pkt. 10c.

Dr. Badger's Giant-flowering Hybrids. A superb new strain growing robust and bushy, 1½ to 2 feet in height, with handsome bright green Fern-like foliage. The flowers borne in prodigal profusion are unusually large, measuring from 1 to 1¼ inches across; they are of much substance—very lasting—and show an endless variety of bright colorings. The light varieties of white, pink, buff-rose or yellow have beautifully marked centers, zoned by a deeper shade. The darker sorts are of purple, mauve or red, with center lines of yellow or white margined by a deep tone of the ground color. Pkt. 25c.

SILENE

Pendula Compacta, Double. An effective garden annual forming compact, round bushes, 6 inches high, which, during the summer, are covered densely with flowers of white, pink or red. For low beds or edgings it is very pretty. Mixed Colors.....Pkt. 5c.

SMILAX

Charming tender perennial climber for greenhouse or window gardens. The foliage and stems are of a pleasing light green; very graceful. Excellent for decoration.....Pkt. 10c.

HENDERSON'S GARDEN PLANS AND SUGGESTIONS tell much about creating flower gardens from seeds. Sent free if asked for when ordering.



HENDERSON'S
"BETSY ROSS" COLLECTION
OF
18 GIANT SPENCER SWEET PEAS
1 PACKET EACH
FOR \$1.00 POST PAID



Henderson's "Betsy Ross" Collection of

GIANT SPENCER ORCHID FLOWERED SWEET PEAS

Eighteen of the Best New Varieties Shown in Colors on Opposite Page and Described Below

PRICE: One pkt. each of the 18 varieties for \$1.00.

One ounce (400 to 500 seeds) each of the 18 varieties for \$5.00 postpaid.

Customer's Collections—Your own selection of any three 10c. pkts. for 25c.; or any seven 10c. pkts. for 50c.

Plate No.	Henderson's Packets of Named Sweet Peas contain 40 to 50 seeds (except those specially noted)	Per Pkt.	Per Oz.	Plate No.	Henderson's Packets of Named Sweet Peas contain 40 to 50 seeds (except those specially noted)	Per Pkt.	Per Oz.
1	Lady Evelyn Eyre (Mrs. Harcastle Sykes). Immense long-stemmed flowers of exquisite rosy-blush opening with a lemonish flush.	10c.	25c.	10	Wedgewood Blue. A clear light silvery-blue with just a suggestion of mauve in the banner; an improved large flowering strain and the best variety of its color	10c.	35c.
2	Royal Purple. A rich royal-purple throughout both banner and wings; the flowers are of splendid size and form.	10c.	35c.	11	Edith Taylor (Mrs. Jessopp). Extra fine and large flowers of rich salmon-rose or cerise; a very lively warm color; strong grower and free bloomer.	10c.	35c.
3	Mrs. C. W. Breadmore. Cream-buff flushed rose and distinctly edged with deep rose color; the best of the "Yellow Picotees".	10c.	25c.	12	King Edward Spencer (Crimson Giant; Mrs. Duncan; The King). Rich crimson-scarlet; large open, waved flowers.	10c.	25c.
4	George Herbert. Bright carmine-rose—large fine waved flowers.	10c.	25c.	13	King Manoel. Rich glossy deep maroon, with purplish maroon wings, splendid big wide-open waved flowers.	10c.	35c.
5	President. A magnificent and glowing orange-scarlet, surpassing all in its class.	10c.	50c.	14	Mrs. Cuthbertson. A "bicolor" of the largest and finest form; color carmine-rose with blush-white wings, strong grower and prolific bloomer.	10c.	30c.
6	Constance Hinton. A fine, large, dark seeded, white sometimes flushed when opening.	10c.	50c.	15	Rosabelle. Brilliant carmine-rose colored flowers of the largest size and finest waved form. The best of the "Herbert and Ingman" color class.	10c.	25c.
7	Hercules. A giant even among the Spencers; immense long-stemmed flowers of rich clear rose-pink; vines vigorous and free blooming.	10c.	35c.	16	Dobbie's Cream. The largest and best strain of "Prim-rose-Spencer"; flowers large, of splendid substance and well waved; color cream-yellow.	10c.	25c.
8	R. F. Felton. A large and distinct lilac-colored flower, wings tinged French grey.	10c.	40c.	17	Vermillion Brilliant. Brilliant scarlet, large waved flowers.	10c.	25c.
9	Martha Washington. Most beautiful; blush-white veiled with rosy-pink deepening into a contrasting marginal zone of tyrian-rose.	10c.	25c.	18	Blue Picotee (Mrs. Townsend). The best picotee edged blue on white.	10c.	35c.

WORDS OF PRAISE FOR HENDERSON'S GIANT SPENCER SWEET PEAS

"Last year I had \$1.00 worth of your beautiful Spencer Sweet Peas, a mixed selection. If you are making the same offer this year, please send me some of a similar selection. Mine were perfectly beautiful last year."
April 28, 1917.

Mrs. N. D. MARSH, Dixfield, Mo.

"This spring we planted your early flowering varieties of Sweet Peas and the vine began to bloom May 4th. They were the earliest Spencer Sweet Peas we had ever seen out of doors. We have had Grandiflora in bloom on April 25th, but your Spencers made a new record with us."
Sept. 3, 1917.

Mr. A. A. RITTER,

115 Riverside Drive, Little Rock, Ark.

"Am writing to tell you of my wonderfully beautiful Sweet Peas this year from your Giant Spencer seed. Especially fine is a gorgeous red; with the sun shining through the big blossoms in the early morning, one will not soon forget the sight. Another pink is very large and double, many blossoms on a single stem. Another

grand pure white, long stems, and a lavender that is superb. I made a wreath of these lavender beauties with long sprays of Sprengerii for foundation for the funeral of a woman of national fame, who was buried yesterday in Augusta, Georgia, and as my flowers go far and wide, and I always say 'Henderson's Seed' I am a good advertiser for you."
June 21, 1917.

Mrs. JAMES B. PARK, Greensboro, Ga.

"We planted the Spencer Sweet Peas last year and they were the most beautiful we have ever seen. Some stems were fifteen inches and four flowers to a stem."
Feb. 12, 1917.

HARRY P. WELDON, 34 Cliff St., Yonkers, N. Y.

"Your seeds are always satisfactory. The Sweet Peas of last year, grown from your seed, were the wonder and admiration of many of my friends."
Jan. 24, 1917.

Mrs. H. G. HUTCHINSON, Vonore, Tenn.

"My Sweet Peas purchased from you last year were perfect in every way."
Jan., 1917.

Miss MABEL BARNETT, 1 S. Lee Ave., Lexington, Va.

New Giant Early Flowering Spencer Sweet Peas

Bloom 4 Weeks Earlier Than the Late Spencers, and Under Congenial Conditions Flower Continuously for 4 Months, Producing Profusely Immense Waved Flowers, "Fours" Predominating, on Long Stems.

Will Supersede All Other Types of Sweet Peas for Winter Flowering Under Glass and for Open Ground Culture—Fall or Winter Sown—in Warm Climates.

The plants of this new race are of strong constitution, vigorous growth, profuse and bloom continuous for about four months, grown under congenial conditions. Grown in the open ground they begin flowering in about 100 days from seed sowing or fully four weeks sooner than late flowering Sweet Peas sown at the same time, and they continue to flower in profusion for fully 4 months. It is predicted by Sweet Pea authorities that this race will supplant all other early and late flowering Sweet Peas for winter flowering under glass, and also for open ground culture in our Southern States—sown preferably in fall or winter. Condensed cultural instructions for both garden culture under northern and southern conditions and for winter flowering under glass are given in Henderson's leaflet "How to Grow Sweet Peas to Perfection" free to customers.

VARIETIES OF NEW GIANT EARLY FLOWERING SPENCER SWEET PEAS	Per Pkt.	Per Oz.	VARIETIES OF NEW GIANT EARLY FLOWERING SPENCER SWEET PEAS	Per Pkt.	Per Oz.
Early Morning Star. Deep orange-scarlet or flame color with rich orange-pink wings.	.25	1.25	Early White Spencer. White seeded, large waved, pure white flowers.	.15	1.00
Early Song Bird. A soft shade of pale pink similar to the late varieties "Florence Morse" and "Lady Evelyn Eyre".	.25	1.25	Early Duplex White Spencer. Black seeded, pure white waved flowers, many of which come double.	.15	1.00
Early Melody. A deep shade of rose pink. Closely resembling the late flowering "Countess Spencer".	.25	1.25	Early Lavender Pink Spencer. Large waved flowers of exquisite pinkish lavender.	.15	1.00
Early Spring Maid. An exquisite light cream-pink that is a soft pink over a cream ground color.	.25	1.25	Early Flowering Spencer Mixed.	.15	1.00
Early Snowflake. Pure white and the best white early flowering white seeded Spencer.	.25	1.25			
Early Heather Bell. A rich mauve-lavender.	.25	1.25			
Early Red Spencer. A rich bright crimson, similar in coloring, form, and size of flower to King Edward Spencer.	.15	1.00			
Early Shell Pink Spencer. Charming shell-pink of a little warmer tone than Countess Spencer; very large waved flowers.	.15	1.00			
Early Apricot Pink Spencer. A rich apricot pink or salmon colored flower; large, long stemmed flowers.	.15	1.00			
Early Rose Spencer. Bright carmine-rose, similar in coloring, size and form of flower to John Ingman.	.15	1.00			

"YARRAWA."

This variety from Australia has proven its adaptability to American conditions. In our trials it commenced flowering freely two weeks before other large waved Sweet Peas and three to four weeks earlier than some varieties, all given the same cultural treatment, and "Yarrowa" continued in flower, holding its large size and phenomenal floriferousness for weeks after all other Sweet Peas had passed their best. The flowers are large of round waved Spencer form and colored bright rose pink with lighter pink wings.

.15 1.00



CUSTOMER'S COLLECTIONS
OF
SWEET PEAS

Make your own selection
of any
Three 10c. Packets for 25c.
Seven 10c. " for 50c.
Fifteen 10c. " for \$1.00

POSTPAID

GIANT SPENCER SWEET PEAS

Giant Spencer Sweet Peas

STANDARD VARIETIES AND NOVELTIES

Sweet Peas, gay and fragrant, are the most universally popular annual flowers cultivated. Inexpensive, easily and quickly grown from seed, thriving in town or country gardens, supplying an abundance of continuous bloom for months—an adornment to garden, house or corsage. Is it any wonder that they are "everybody's flowers," and have been for generations? A few years ago, a paragon type appeared in the famous gardens of Earl Spencer, Northamptonshire, England. This newcomer, extremely beautiful, the fairest-formed and largest Sweet Pea ever grown, was named "Countess Spencer" and from this has sprung the glorified modern race of Giant Waved "Spencer" or "Orchid-flowered" Sweet Peas.

The characteristics of the Spencer Sweet Peas, grown under congenial conditions are: robust growth, the plants attaining a height of from 6 to 10 feet, requiring for full development to be not less than 6 inches apart; a foot apart is better. The flowers are giants among Sweet Peas, measuring 2 to 2½ inches across. They are beautifully formed and daintily waved. Three and often four or five of these queenly blossoms are borne on long, strong stems.

The world-wide popularity of the new race of Giant Waved Spencer Sweet Peas, their sportive tendency and the ease with which they are hybridized or cross-bred, has resulted in the production of a legion of varieties by enthusiasts and growers both in Europe and America. In consequence numbers of varieties under different names have proven to be identical and many others are closely similar. Therefore in our effort to simplify this confusion of names we made a thorough study and comparison of hundreds of varieties grown at our trial grounds and after the name of the variety we offer is bracketed in italics the synonyms and those alike or "too near alike."

To aid in selecting certain colors, we submit the following key:

Should the name of some old favorite be missing, by referring to its color class a similar and better variety may be selected.

White.....	12-25-42-84	Maroon.....	41-63-64
Primrose and ivory.....	11-18-65-67	Purple and dark mauve....	69-74-80
Pale cream-pink.....	31-59-60	Light mauve and heliotrope...	7-53
Deep cream-pink.....	13-47-19-55	Lavender and lilac....	2-5-29-44-71
Lilac-blush.....	10-37	Light blue.....	27-48-83
Blush-pink.....	28-43	Dark blue.....	8-45
Pink.....	14-22-35	Fancy or pastel.....	1-9-32-68
Rose.....	49-73	Picotee edged rose on white...	15-51
Rose with blush wings.....	4-57	" " blue on white....	61
Carmine.....	30-39	" " rose on yellow....	38-58
Cerise.....	17-20-36	Striped, etc., red on white....	3-58
Salmon.....	26-72-78	" " orange on white....	6-62
Orange.....	16-21-33-66-81	" " maroon on white....	77
Scarlet.....	76-82	" " lavender on white....	23
Crimson.....	40-52-79	" " blue on white....	34-46
Red maroon.....	50-70-75	" " rose on yellow....	24-54

HENDERSON'S NEW BOOKLET

How to Grow Sweet Peas to Perfection—

Free to customers when asked for. Includes growing Sweet Peas for garden decoration, cut flowers, exhibition, etc.

Fall sowing for warm climates, winter forcing, etc., also cultural methods of prize winners at Sweet Pea shows.

No.	Henderson's Packets of Named Sweet Peas contain 40 to 50 seeds (except those specially noted)	PRICE	
		Pkt.	Oz.
1	Afterglow. Banner, rosy-amethyst tinted ultramarine-violet at base; wings, peacock and electric blues....	10c.	25c.
2	Alfred Watkins. A pure, clear, pale lavender, distinct from all others; largest waved flowers; strong grower	10c.	50c.
3	America Spencer (Mrs. Wilcox; Yankee). Striped and flaked brilliant carmine-red over white; very large....	10c.	25c.
4	Apple Blossom Spencer (Arthur Unwin; Colleen). Banner bright rose color; wings creamy-blush; a very robust, profuse and large flowering "Bicolor".....	10c.	25c.
5	Asta Ohn (Masterpiece; Mrs. Charles Foster; Nettie Jenkins). One of the best lavender Spencers; an exquisite rosy-lavender; flowers large and well waved.....	10c.	25c.
6	Aurora Spencer (Peter Blair). Strongly flaked and striped bright orange-rose on white; large waved flowers	10c.	25c.
7	Bertrand Deal. Large waved flowers of an exquisite pinkish-lilac suffused with soft rosy-mauve.....	10c.	25c.
8	Captain of the Blues Spencer (Waverly Spencer; Mrs. Walter Wright Spencer). Banner maroon-purple; wings magenta-purple; very large flowers.....	10c.	25c.
9	Charles Foster. Of the "fancy" or "pastel" class; apricot-pink flushed with lilac-blush and mauve....	10c.	25c.
10	Charm (Agricola). Very daintily colored blush-white, flushed with rosy-lilac.....	10c.	25c.
11	Clara Curtis (Isobel Malcolm; Paradise Cream, etc.). The best primrose-yellow.....	10c.	25c.
12	Constance Hinton. (See colored plate 6 and page 126)	10c.	50c.
13	Constance Oliver (Holdfast Beauty; Nell Gwynne). Rich, bright "cream-pink"; vigorous grower.....	10c.	25c.
14	Countess Spencer (Enchantress; Paradise; Pink Pearl). A re-selected, improved strain of this grand original "pink Spencer".....	10c.	25c.
15	Dainty Spencer (Elsie Herbert; E. J. Deal; Picotee). Very large, splendidly formed flowers of blush-white; distinctly picotee edged with carmine-rose.....	10c.	25c.
16	Dazzler (Edna Unwin; Prince of Orange; Kitty Clive). Extra fine large flowers of lively coloring; banner glowing cerise-orange; wings rose-orange; very profuse....	10c.	25c.
17	Decorator (Rose Diamond). Bright coral rose suffused cerise and orange. Large beautifully waved flowers...	10c.	25c.
18	Dobbies Cream. (See colored plate 16 and page 126)....	10c.	25c.
19	Duplex Spencer (Mary Garden). A lovely deep "cream-pink," pinkish-salmon suffused rosy-apricot; the flowers are very large and many are doubled.....	10c.	25c.
20	Edith Taylor (Mrs. Jessopp). (See colored plate 11 and page 126).....	10c.	35c.
21	Edrom Beauty (Helen Grosvenor; Orange Perfection). Lovely large rose-orange or salmon colored flowers; considered a little richer in coloring than Helen Lewis	10c.	25c.
22	Elfrida Pearson. Magnificent large flowers of exquisite blush pink, deepening in tone towards the edges.....	10c.	25c.

The Giant Waved Spencer

or "Orchid Flowered" Sweet Peas—Continued

No.	Henderson's Packets of Named Sweet Peas contain 40 to 50 seeds (except those specially noted)	PRICE	
		Pkt.	Oz.
23	Empress Eugenie (<i>Improved Juanita Spencer</i>). The latest and best "lavender striped"; very light blue and lavender flakes and stripes on silvery-white.	10c.	30c.
24	Ethel Roosevelt. Large creamy-buff colored flowers flushed and flaked with pale rose-pink.	10c.	25c.
25	Etta Dyke (<i>White Spencer; Purity; Freda; Paradise White; Moneymaker, etc.</i>). A superior strain of "White Spencer," larger, whiter and better frilled.	10c.	25c.
26	Fiery Cross. Fiery orange-scarlet—fine large waved flowers that do not sunburn.	10c.	50c.
27	Flora Norton Spencer (<i>Kathleen MacGowan; Anglian Blue; Zephyr</i>). Beautiful azure or pale blue flowers of medium size but profusely produced.	10c.	25c.
28	Florence Morse (<i>Bobby K.; Princess Victoria</i>). Very large wavy flowers of soft blush-pink flushed towards edge with deeper pink.	10c.	25c.
29	Florence Nightingale (<i>Lavender Queen; Lavender George Herbert</i>). Beautiful, clear lavender with a faint pinkish sheen; the largest and best of its color.	10c.	25c.
30	George Herbert. (<i>See colored plate 4 and page 126</i>).	10c.	25c.
31	Gladys Burt. Warm cream-pink, deeper at the edges—throat yellowish-pink.	10c.	25c.
32	Harmony. Very charming coloring; lemon suffused with lavender and pink. (Pkt. of 25 seeds).	15c.	.....
33	Helen Lewis (<i>Anglian Orange; Maggie Stark</i>). A very large and fine orange-rose; wings orange-salmon.	10c.	25c.
34	Helen Pierce Spencer (<i>Lady Ursula; Mrs. T. W. Warren</i>). A large, true waved Spencer; ground color white rippled and penciled with bright blue.	10c.	40c.
35	Hercules. (<i>See colored plate 7 and page 126</i>).	10c.	35c.
36	Illuminator. A warm orange-rose self or light orange-scarlet. Very large waved flowers.	10c.	35c.
37	Irish Belle (<i>Dream; Dorothy; Annabel Lee; Mrs. Reginald Hill</i>). Soft lilac on cream flushed pale rosy-mauve;	10c.	40c.
38	Jean Ireland. A grand new "yellow picotee." Coloring primrose-buff, edged and suffused earmine-rose.	15c.	60c.
39	John Ingman (<i>Mrs. Wm. King; Paradise Carmine</i>). Rich earmine-rose, very large and fine waved form.	10c.	25c.
40	King Edward Spencer (<i>See colored plate 12 and page 126</i>).	10c.	25c.
41	King Manoel (<i>Black Knight Spencer</i>). (<i>See colored plate 13 and page 126</i>).	10c.	35c.
42	King White. Hailed as the King of Whites, because of the perfect finish of the flower in every detail—form, size, waviness and glistening, immaculate whiteness.	10c.	40c.
43	Lady Evelyn Eyre (<i>See colored plate 1 and page 126</i>).	10c.	25c.
44	Lavender George Herbert. One of the best in its class; color, bluish lavender; flowers of the largest size.	10c.	25c.
45	Lord Nelson Spencer (<i>Blue Jacket; Blue King; May Farquhar; Mrs. G. Charles</i>). The effect is rich navy-blue; banner indigo-purple; wings violet-blue.	10c.	25c.
46	Loyalty (<i>April; Bertie Usher; George Curzon; Prince Olaf; Suffragette</i>). The finest and largest blue striped; color white flaked and marbled bright blue.	10c.	25c.
47	Margaret Allee. Perhaps the finest of the new Spencers; immense flowers of the loveliest coloring; a rich warm salmon-pink over a body color of cream which lights up the whole flower into exquisite beauty.	10c.	25c.
48	Margaret Madison (<i>Guy Hemus; Walter P. Wright; Winifred Unwin</i>). Large clear pale azure-blue.	10c.	25c.
49	Marie Corelli (<i>Marjorie Willis; Prince of Wales Spencer</i>). Brilliant rose-red; fine, large beautifully waved flowers.	10c.	25c.
50	Marks Tey. A large fine rosy maroon with bluish mauve wings. A dusky "bicolor" of huge size.	10c.	35c.
51	Martha Washington (<i>Eric Harvey; Marchioness of Tweeddale</i>). (<i>See colored plate 9 and page 126</i>).	10c.	25c.
52	Maud Holmes (<i>Sunproof Crimson; Crimson King</i>). An unsurpassed "Sunproof" crimson.	10c.	25c.
53	Mauve Queen (<i>Winsome; Bertha Massey; Mrs. R. H. Carrad</i>). Large waved flowers of pale mauve-rose.	10c.	25c.
54	May Campbell. Large cream-colored flowers flecked and blotched in the center with purplish-carmine.	10c.	25c.
55	Miriam Beaver. A beautiful variety; soft salmon-shell pink, shaded hydrangea-pink.	10c.	35c.
56	Mrs. Chamberlain Spencer (<i>Gaiety Spencer</i>). Striped, bright rose-pink on white; large waved flowers.	10c.	25c.
57	Mrs. Cuthbertson. (<i>See colored plate 14 and page 126</i>).	10c.	30c.
58	Mrs. C. W. Breadmore (<i>Evelyn Hemus</i>). (<i>See colored plate 3 and page 126</i>).	10c.	25c.
59	Mrs. Hugh Dickson. A large and fine "cream-pink."	10c.	25c.
50	Mrs. Routzahn (<i>Juliet; Mrs. Henry Bell; Queen Mary</i>). A favorite "cream-pink"; a blending of straw color, tinted blush-pink and rosy-apricot.	10c.	25c.
51	Mrs. Townsend or Blue Picotee. (<i>See colored plate 18 and page 126</i>).	10c.	35c.
52	Mrs. W. J. Unwin. Striped and flaked bright orange-scarlet on white.	10c.	25c.
63	Nubian. Rich purplish-mahogany.	10c.	25c.
54	Othello (<i>Anna Lumley; Prince of Asturias; Tom Bolton</i>). Rich deep maroon; immense waved flowers.	10c.	25c.
65	Paradise Ivory (<i>Lady Knox; Queenie; Queen Victoria Spencer</i>). Old ivory, suffused rosy-buff.	10c.	25c.
66	President. (<i>See colored plate 5 and page 126</i>).	10c.	50c.
67	Primrose Spencer. A large-waved primrose-yellow.	10c.	25c.
68	Prince George. Warm lilac-rose with base of selferino; wings violet rose; one of the fancy or pastel class.	10c.	25c.



The Giant Waved Spencer

or "Orchid Flowered" Sweet Peas—Continued

No.	Henderson's Packets of Named Sweet Peas contain 40 to 50 seeds (except those specially noted)	PRICE	
		Pkt.	Oz.
69	Queen of Norway (<i>The Marquis</i>). Soft violet-mauve.	10c.	25c.
70	Red Chief (<i>Brunette</i> ; <i>Victor Unwin</i>). A rich rose-wood-red; banner and wings of one uniform color.	10c.	25c.
71	R. F. Felton. (See colored plate 8 and page 126).	10c.	40c.
72	Robert Sydenham. Bright salmon-orange, very large and beautifully waved.	10c.	40c.
73	Rosabelle. (See colored plate 15 and page 126).	10c.	25c.
74	Royal Purple. (See colored plate 2 and page 126).	10c.	35c.
75	Ruby Palmer. Rich ruby-red, a beautiful new shade of coloring.	15c.	....
76	Scarlet Emperor (<i>George Stark</i> ; <i>Scarlet Monarch</i> ; <i>Scarlet Empress</i>). A brilliant scarlet self of surpassing coloring, size, form, and profusion of bloom.	10c.	35c.
77	Senator Spencer (<i>President W. R. Beaver</i>). A large and fine striped; seal-brown and claret flakes on white.	10c.	25c.
78	Sterling Stent (<i>Captain H. Travers</i>). Rich deep salmon suffused with fiery-orange.	10c.	25c.
79	Sunproof Crimson. A re-selected improved strain and the best of all the crimsons; color rich crimson-scarlet, etc.; open waved flowers.	10c.	25c.
80	Tennant Spencer. Large rosy-purple or heliotrope flowers.	10c.	25c.
81	Thomas Stevenson. Large and brilliantly effective flowers of fiery red-orange and it is practically sunproof. The finest variety in its class.	10c.	25c.
82	Vermillion. (See colored plate 17 and page 126).	10c.	25c.
83	Wedgewood Blue. (See colored plate 10 and page 126).	10c.	35c.
84	White Spencer. The popular large white waved variety	10c.	25c.

HENDERSON'S SUPERIOR BLEND OF

Mixed Giant Spencer Sweet Peas

An unsurpassable mixture. Composed exclusively of Giant Waved Spencer varieties, blended in proper proportions of bright colors and including several new hybrids of exquisite colors and shades, many of which, when sufficiently trued up, will be introduced as new-named varieties.

Price, per pkt. (75 to 100 seeds), 10c.; three pkts., 25c.; per oz. (400 to 500 seeds), 20c.; per ¼ lb., 60c.; per lb., \$2.00, postpaid.

Other Varieties of Sweet Peas

HENDERSON'S MIXED GRANDIFLORA SWEET PEAS

This splendid mixture of Eckford's Grandiflora and the Unwin types is a studied formula containing correct proportions of various bright colors and shades, supplying a harmony of brilliancy.

Price, per pkt. (about 75 seeds), 5c.; per oz. (300 to 400 seeds), 10c.; per ¼ lb., 30c.; per lb., 85c., postpaid.

GRANDIFLORA and UNWIN SWEET PEAS

The overshadowing size and beauty of the Giant Waved Spencer Sweet Peas has gradually reduced the demand for most varieties of the Grandiflora and Unwin types so that we now offer only a list of these limited to the popular sorts for sowing in quantity for cut flowers or garden decoration.

PRICE FOR ANY OF THE FOLLOWING GRANDIFLORA AND UNWIN SWEET PEAS: 5c. per pkt. (50 to 75 seeds); six 5c. pkts. for 25c.; 15c. per oz. (300 to 400 seeds); 40c. per ¼ lb.; \$1.25 per lb., postpaid.

Blanche Ferry. The popular rose-pink with blush-white wings.
Christmas Pink. The earliest "Blanche Ferry" and a popular "pink and white."

Dorothy Eckford. For years the best "white" Eckford."

Earliest White. The earliest strain of "Emily Henderson"; pure white.

Earliest Sunbeams. Bright primrose-yellow open formed flowers.

Emily Henderson. A pure white "sport" from Blanche Ferry and possessing the same profuse-flowering qualities.

Frank Dolby (Unwin). Large waved flowers of light lavender.

King Edward. The splendid old rich crimson-scarlet.

Lady Grisel Hamilton. Beautiful silvery-lavender.

Lord Nelson. Rich indigo-blue.

Lovely. Warm rose-pink, deeper than Prima Donna.

Miss Willmott. Orange-rose.

Mont Blanc. A little larger but later than "Earliest White."

Nora Unwin. Pure white large waved flowers.

Prima Donna. Exquisite clear light pink.

Henderson's New Booklet "HOW TO GROW SWEET PEAS TO PERFECTION" sent free to customers if asked for.

BEAUTY OR "GIANT NICE" STOCKS



The plants are of fine symmetrical habit, bushy, and in flower stand about 1½ to 2 feet in height. The side branches each carry a tall strong spike well furnished with large and very double clove-scented flowers. They do not flower as quickly from seed sowing as Ten-Week Stocks, the "Beauties" requiring from 12 to 15 weeks, but after they commence blooming their long-continued profusion is phenomenal. Seeds started early in the spring and the seedlings transplanted in the garden in May will begin flowering in July and continue to bloom until frozen. Late sown plants if carefully lifted and potted in the fall will continue to flower in window garden or conservatory during the winter. As cut flowers "Beauty" Stocks are unsurpassable.

Per 1,000 seeds.		Pkt.	Per 1,000 seeds.		Pkt.
Madame Rivoire. Double white	75c.	10c.	Queen Alexandra. Rosy-lavender	75c.	10c.
Almond Blossom. White-suffused	75c.	10c.	Crimson King. Brilliant velvety-crimson	75c.	10c.
carmine rose	75c.	10c.	Sunburst. Bright sulphur-yellow	75c.	10c.
Rose of Nice. Carmine-rose	75c.	10c.	Light Violet. Extra fine	75c.	10c.
Beauty of Nice. Exquisite flesh-pink	75c.	10c.	Mixed Colors	75c.	10c.

Collection of Beauty Stocks—One packet each of the 8 separate varieties 60c.

HENDERSON'S COLOSSAL TEN-WEEK STOCKS

This magnificent strain is without a rival for open-ground planting, attaining a height of 2½ feet. The spikes of bloom are very long, and the individual flowers are very double.

These popular flowers are easily grown, and are so highly fragrant and of such great beauty, and have so many good qualities, that they deserve a place in every garden. They should be given good rich soil to grow in, and will amply reward good treatment with remarkably large pyramids of bloom; the flowers represent a great diversity of brilliant color.

El Dorado. Sulphur-yellow	Per 1,000 seeds, 60c.; Pkt. 10c.
Rosy Morn. Delicate rosy-flesh	" " " 60c.; " 10c.
Mount Blanc. Purest white	" " " 60c.; " 10c.
Grand Rouge. Brilliant crimson	" " " 60c.; " 10c.
Aurora. Shining copper-red	" " " 60c.; " 10c.
Blue Bells. Pretty shade of blue	" " " 60c.; " 10c.
Mixed. Brilliant colors	" " " 50c.; " 10c.

Collection of Colossal Stocks—One packet each of the 6 separate varieties, 50c.

LARGE FLOWERING TEN-WEEK STOCKS

Well-known annuals, for garden decoration; flowers double, of various colors and very fragrant.

Double Mixed. Per 1,000 seeds, 50c.; Pkt. 10c.
Imported Collections of Ten-Week Stocks, 6 varieties, 35c.; 12 varieties, 60c.

BISMARCK STOCKS

New annual stocks of strong growth with luxuriant foliage. The plants in bloom form a pyramid 2½ feet high, the upper half being a mass of fragrant double flowers of extra large size. They bloom a little later than Ten-Week Stocks, but flower continuously until frost.

White	Pkt. 10c.	Rose	Pkt. 10c.
Light Blue	Pkt. 10c.	Mixed Colors	Pkt. 10c.
Flesh Pink	Pkt. 10c.		

Collection of Bismarck Stocks—One packet each of the 4 separate varieties, 35c.

"Cut-and-Come-Again" Stocks "Princess Alice." The branching plants about 2 feet high produce continuously from summer to fall, double white flowers, splendid for cutting. Per 1,000 seeds, 50c.; Pkt. 10c.

CUSTOMER'S SELECTION OF STOCKS offered on this page, Any three 10c. pkts. for 25c.

Henderson's New Hybrid Sunflowers

"RED AND GOLD"—"OLD ROSE AND PRIMROSE"—"RED SEMI-DOUBLE AND COLLARETTE"
"ALBINO"—"LILLIPUT HYBRIDS"

These gorgeous floral creations have been bred by the raiser of our original "Red Sunflower." When a horticultural break of this kind occurs among plants that can only be propagated by seeds, it sometimes takes several years to "true up" to any selected type by the only recourse, selection. Therefore variations may be expected even among the forms we now catalogue, while some of these "off types" may come "too much" yellow. Yet all will be showy and desirable—with the possibility of some unique and beautiful freak appearing, thus adding to the pleasurable interest in watching Henderson's new Hybrid Sunflowers grow. HENDERSON'S NEW HYBRID SUNFLOWERS are splendid garden annuals, quick and robust in growth, very showy in the garden border or in groups or as hedges—and the long-stemmed flowers when cut and vased are most effective and last long in water.

HENDERSON'S NEW HYBRID SUNFLOWERS are as easily grown from seed as any other annual Sunflower—they thrive in almost any soil in a sunny position. The seed may be sown in the open ground when warm enough—or it may be started in the house or hot bed. The plants commence flowering in about 8 weeks from seed sowing, and should stand not nearer than 3 feet apart for best development.

HENDERSON'S RED "SEMI-DOUBLE AND COLLARETTE" SUNFLOWERS

As anticipated when the Sunflower "blood was broken," by crossing the hardy wild red one on yellow annual garden forms, many new types have been produced, but it is so difficult to "fix" them to come true from seed that it may be years before they can be offered—if at all. However—among the different types that have appeared are some double, semi-double and collarette forms of such unique and distinctive beauty that we wish our customers to have an opportunity of growing and seeing them, with the understanding that perhaps a percentage of the plants may produce only single flowers, but even most of these will be beautiful "Red Sunflowers." The plants are of the same branching, free-flowering habits and easy culture as our "Red and Gold" Sunflower and the large flowers, 4 to 6 inches across, have the same colorings—reds and garnets tipped with gold and yellow. The seed we offer has been saved exclusively from densely double, semi-double and collarette flowering plants—the flowers having been "bagged" to exclude foreign pollen and consequently should produce a good percentage of these novel and desirable forms. Per packet of 25 seeds, 15c.; two packets for 25c.

Henderson's NEW DWARF SUNFLOWERS, "LILLIPUT HYBRIDS"

An improved race of the "Cucumerifolius" or dwarf bush Sunflowers, forming sturdy, branching plants, 3 to 4 feet high, and producing freely and continuously from early summer until frost long stemmed flowers of perfect form, 3 to 4 inches across. The petals are long and broad, contrasting effectively against the small dark centers. The colors vary from cream-white through various shades of yellow from primrose to deep golden, including a good percentage of plants bearing flowers zoned, tipped or ringed with red, rose, purple, etc. Very decorative for gardens and unsurpassed for cutting. Price per packet of 25 seeds, 15c.; two packets for 25c.

"Your Red Sunflowers deserve a place in every garden as they make a beautiful show and are so easily grown."
Nov. 2, 1917.

H. F. CHUITZBERG, Spartanburg, S. C.

Price for the collection of five New Hybrid Sunflowers, one packet each, 50c.

VARIOUS ANNUAL SUNFLOWERS

Double Chrysanthemum-flowered. Magnificent flowers, 6 to 8 inches in diameter, densely double, the petals long and fringed; color, rich orange; the plants, 6 to 7 feet high, carry many of these noble flowers. . . . Per oz., 25c.; Pkt. 10c.

"Globes of Gold." (*Helianthus Multiflorus*, fl. pl.) A dwarf, well branched plant, 3 to 3½ feet in height. Each of the numerous branches carries a large, densely double globe-shaped rich golden flower of deep yellow. . . Per oz., 25c.; Pkt. 10c.

Silver-leaved. Silvery foliage; large single yellow flowers. Per oz., 20c.; Pkt. 5c.

Giant Russian. Immense single yellow flowers. Per oz., 15c.; Pkt. 5c.

DWARF-BRANCHING "CUT-AND-COME-AGAIN" SUNFLOWERS

These improved branching Sunflowers (*Helianthus Cucumerifolius* types) are popular, not only for garden display, but for cut flowers. The plants form bushes 3 to 4 feet high, bearing a continuous succession of flowers from June until frost. The perfectly formed single or double flowers, 3 to 4 inches across, are poised on long, graceful stems, which "vase" beautifully. They are easily grown, commencing to flower in a few weeks from seed.

Single "Cut-and-Come-Again" Sunflowers, Mixed Per oz., 25c.; Pkt. 5c.

White Star. White with black eye. . . Per ½ oz., 25c.; Pkt. 5c.

Sirius. Lemon, dark center. Per ½ oz., 25c.; Pkt. 5c.

Mars. Golden-yellow, dark eye. . . . Per ½ oz., 25c.; Pkt. 5c.

Double "Cut-and-Come-Again" Sunflowers, Mixed Per 500 seeds, 40c.; Pkt. 10c.

Double Golden-yellow. Per 500 seeds, 50c.; Pkt. 10c.

Double White. Creamy-white with yellow guard petals Per 500 seeds, 50c.; Pkt. 10c.

"My flowers from your seeds won first prize at the Cleveland Industrial Exposition."
March 25, 1917.

Mrs. J. W. WETH, Bay Village, Ohio.

"Enclosed you will find an order for Flower and other garden seeds. Last year was the first time I had a garden, and the season was poor, but we had plenty of flowers and vegetables too. I canned some of the vegetables for winter use."
Feb. 25, 1917.

Mrs. GERTRUDE KRAFT, Indianapolis, Ind.

HENDERSON'S "RED AND GOLD" SUNFLOWER

The plants of Henderson's "Red and Gold" Sunflower grow strong, sturdy and branching to a height of 7 to 9 feet, producing several large flowers of refined form; the ray petals are wide and long, the disc or center small. The central stem and main branches bear the larger flowers—6 to 7 inches across. The succeeding laterals bear smaller flowers—4 to 5 inches across. The coloring varies from golden-yellow splashed with red to nearly all red, but the great majority will be Gaillardia colored—that is a wide zone of red surrounds the purplish-black center, the ends or tips of the petals being of a rich golden-yellow color; this combination is very rich and effective. (See engraving.)

Price per pkt. of 25 seeds, 10c.; three pkts. for 25c.

HENDERSON'S "OLD ROSE AND PRIMROSE" SUNFLOWER

This new type has been produced by crossing a red Sunflower on the cream or primrose colored garden variety. The resultant hybrid plants are of distinctive branching growth—almost candelabra-like, attaining a height of about 5 feet. The numerous side branches each terminate with a Sunflower 5 to 6 inches across, of light primrose-yellow, broadly zoned around the disc with wine-rose. As a plant carries from 20 to 30 of these beautifully colored flowers, the decorative effect may be imagined.

Price per pkt. of 25 seeds, 15c.; two pkts. for 25c.

Henderson's "ALBINO" SUNFLOWER

Our "Red Sunflower" expert has, by hybridization, created this new type, a "Near White." The large single flowers—4 to 6 inches across—are of a light cream or yellowish-white and have broad, overlapping petals and small dark centers. The plants grow about 6 feet tall, are of upright branching habit, throwing long side stems in succession, each carrying its lovely "White Sunflower." The plants therefore continue in bloom for an unusually long period and are very attractive for garden decoration. An annual variety and as easily and quickly grown from seed as any Sunflower. Price per packet of 25 seeds, 15c.; two packets for 25c.



HENDERSON'S
RED AND GOLD SUNFLOWER

**STOKESIA (The Hardy Cornflower)**

A beautiful hardy perennial plant that no garden should be without. As a single specimen or group in the border or for beds or masses it is very attractive. It is of the easiest culture, blooming the first year from seed, and succeeding in any open sunny position. The plants grow from 18 to 24 inches high and begin flowering in July, continuing without interruption till late in October. The flowers, 4 to 5 inches across, on long stems, are valuable for cutting.

Cyanea Blue. Lavender-blue Pkt. 10c.

Stokesia Hybrids, Mixed Colors, include some charming shades of blue, lavender, violet, white, and a new pink variety which when trued up will be offered individually Pkt. 15c.

**NEW ANNUAL SWEET WILLIAM**

The old favorite Sweet William, as all know, does not flower until the second year from seed, but this new type commences blooming in early summer from spring-sown seed and continues in flower for several weeks. The plants are of the same habit as the perennial kinds, producing fine heads of bloom of various colors—white, crimson, rose-pink, etc., many of which are broadly edged with white and sweetly fragrant.

Mixed Colors. Per 1,000 seeds, 50c. Pkt. 15c.

SWEET ROCKET OR DAME'S VIOLET

Favorite, hardy, herbaceous perennials—very effective in the garden border. The plants form large clumps 2 to 3 feet in height covered with showy terminal spikes of flowers resembling Stocks. The colors range from white through lilac to pink and purple; splendid for cut flowers. *Mixed Colors* Pkt. 10c.

SWAINSONIA

Grandiflora Alba. A popular house plant. Foliage as graceful as an Acacia; white flowers resembling Sweet Peas, produced in sprays of 12 to 20. Of the easiest culture and ever blooming. It climbs readily, or it may be grown as a bush plant by trimming it back as it grows; tender perennial; 1 to 4 feet. Pkt. 10c.

THUNBERGIA ALATA

Rapid-growing climbers attaining a height of 6 to 8 feet, densely clothed with neat, green foliage not affected by insects; the small single flowers of various colors are freely produced. A pretty vine for trellis, fences, rock-work, etc. Though tender perennials, they are usually grown as annuals. *Mixed Colors (Alata)* Pkt. 10c.

FOR PANSIES
SEE
PAGES
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119.

**SWEET WILLIAM (Dianthus Barbatus)**

For many years the Sweet William has been esteemed as one of our finest of hardy garden plants, being of easy culture, thriving in any good garden soil and lasting for years. The plants grow about 1 foot high and form fine clumps. *Henderson's Perfection.* Our improved Perfection strains produce in greatest profusion very large florets in large heads and in a great variety of extremely rich colors, including blood-crimson, salmon, pink, white, cerise, etc., many having large white eyes, and all being sweet-scented. *Single Large-Flowering Perfection, Mixed.* Extra choice varieties. . Pkt. 10c. *Double Large-Flowering Perfection, Mixed.* Extra choice from a fine collection. Pkt. 15c. *Giant White.* Immense pure white flowers in large heads. 15c. *Diadem.* Deep rich crimson, with a well defined white eye. 15c. *Pink Beauty.* Large single flowers of pure pink. 15c. *Scarlet Beauty.* Large single flowers of intense scarlet. 15c. *Harlequin.* Large flowers of several colors produced on one plant. Sometimes a head will be all crimson, another all pink, another white, etc., but usually florets of different colors will be borne in one head; very unique and beautiful. Pkt. 15c. *Customer's Collection*—any four 15c. pkts. selected for 50c.

NEW HYBRID TRITOMAS

Tritomas, popularly known as "Torch Lilies," "Red-hot Poker," "Flame Flowers," etc., are among our showiest hardy plants, producing the brightest flowers of the autumn garden. They grow from seed and flower well the second year commencing in May and continue to bloom throughout the summer and fall. They range in color through shades and combinations of yellows from pale lemon to orange and from salmon-pink, coral red, etc., to crimson. The plants vary in height from 18 inches to 6 feet. The effect of a bold group of these lovely hybrids is remarkably distinctive and handsome. Pkt. 25c.

TRITOMA uvaria grandiflora (Red-hot Poker Plant), hardy perennial with orange-red flowers on spikes 4 to 5 ft. high. Pkt. 10c.

Tufted or Bedding "PANSY VIOLETS"

This improved strain (*Viola cornuta grandiflora hybrida*) produces beautiful Pansy-like blossoms, 2 to 2½ inches across, of great substance and of most brilliant colors including white, lemon, orange, claret, crimson, maroon, lavender, purple, silver-gray, rose, black, blue, etc.; also fancy varieties tinted, striped, blotched, feathered, picotee-edged, etc. The plants are hardy, of vigorous growth, forming deep-rooting, compact, tufted clumps. Planted in masses or lines they form perfect mats covered with myriads of flowers from spring until cold weather. They are more perennial in character than Pansies, throwing out new roots annually, adapting them to permanent beds, edgings, etc. Many of them are as highly scented as the sweetest violet.

Mixed Colors Pkt. 15c.



VERBENA, HENDERSON'S MAMMOTH

This distinct and beautiful race we originated, introduced and named. The average trusses measure 9 to 12 inches in circumference and the individual florets on properly grown plants over 1 inch across—or larger than a 25c. silver piece. They bloom freely, are vigorous in growth, and contain beautiful new colors and shades. For garden beds and massing these Verbenas are unrivaled; flowers of the most brilliant colors produced continually from spring until late in the autumn. Although perennials, these form luxuriant plants and bloom the first season from seed.

Mammoth White.....Per 1,000 seeds, 50c.; Pkt. 10c.
Mammoth Purple.....50c.; 10c.
Mammoth Pink.....50c.; 10c.
Mammoth Scarlet.....50c.; 10c.
Mammoth Striped. Various colors, striped and variegated.....Pkt. 10c.
Mammoth Yellow. Cream-yellow.....Pkt. 10c.
Mammoth Mixed Colors Per 1,000 seeds, 35c.; Pkt. 10c.
Collection, 6 varieties, 45c.
Mammoth Auricula-eyed, Mixed. A variety of colors, each flower having a large white center.....Pkt. 25c.
Customer's Collection of Mammoth Verbenas—Any three 10c. pkts. selected for 25c.

LEMN VERBENA

(*Aloysia Citriodora*.) An old favorite with delightfully scented foliage. It is a low-growing tender plant and may be grown in the garden in summer and in pots in winter.....Pkt. 10c.

VINCA ROSEA (Madagascar Periwinkle)

Handsome bushy plants, producing freely round single flowers, 1½ inches across, suitable for either pot culture or sunny flower beds; tender perennial, but flowers the first season; 1½ feet.

Rosea. Bright rose.....Per 1,000 seeds, 40c.; Pkt. 10c.
Rosea Alba. White with rose eye.....40c.; 10c.
Rosea Alba Pura. Pure White.....40c.; 10c.
Mixed Colors.....35c.; 10c.
Customer's Collection of Vinca. Any three 10c. Pkts. for 25c.

VISCARIA

Very showy and effective garden annuals—producing freely throughout the summer large single flowers 1½ inches across—splendid for beds and massing and useful for cutting; height 1 foot.
Printz. Snow-white; Pkt. 10c. Fire King. Vivid scarlet, each, Pkt. 10c.
Mixed Colors.....10c.

WALL FLOWER

These perennials make nice bushy plants, 1½ feet high, bearing in the spring long spikes of fragrant flowers of various colors, crimson, purple, yellow, apricot, mahogany, pink, etc.

Large Double, Mixed Colors.....Pkt. 15c.
Imported Collection of 6 Double Wall Flowers, 50c.
Large-Flowering Single, Mixed Colors.. Pkt. 10c.

EXTRA-EARLY or ANNUAL WALL FLOWER

These flower the first season from seed, making compact branching plants 8 to 10 inches in height covered with delightfully fragrant single flowers.

Parisian. Golden shaded orange-red.....Pkt. 10c.
Blood-red. Red, orange shaded blood-red.....10c.
Golden Gem. Rich bright yellow.....10c.
White Gem. Cream-white.....10c.
Mixed Colors. Per 1,000 seeds, 50c.; 10c.
Customer's Collection of Wall Flowers. Any three 10c. Pkts. selected for 25c.

CHINESE WISTARIA

Of luxuriant and rapid growth, bearing during the spring immense panicles of blue flowers in great profusion; 75 feet.....Pkt. 10c.

NEW GIANT ZINNIAS

(*Zinnia Elegans Robusta Plenissima*)

Flowers of gigantic size, 4 to 6 inches across and densely double; plants of strong, luxuriant growth, 2½ to 3 feet in height.

White. Snow-white.....Pkt. 10c.
Scarlet. Rich crimson-scarlet.....10c.
Crimson.....10c.
Purple.....10c.
Golden-yellow. Rich, deep yellow.....10c.
Sulphur-yellow.....10c.
Violet.....10c.
Mixed Colors. Per 1,000 seeds, 75c.; 10c.
Customer's Collection of Giant Zinnias. Any three 10c. Pkts. for 25c.

Complete Collection, 8 varieties, 60c.

IMPROVED DWARF FLOWERING ZINNIAS

These indispensable garden annuals are now greatly improved. The plants form handsome, compact bushes 2 feet in height, with large, perfectly-formed double flowers.

Salmon-rose.....Pkt. 5c. Yellow.....Pkt. 5c.
Crimson.....5c. White.....5c.
Orange.....5c. Purple.....5c.
Mixed Colors. Per Oz. 50c. Per 1,000 seeds, 30c.; 5c.
Complete Collection, 6 varieties, 25c.

Zebra Zinnia. Good, large double flowers of perfect shape, in such colors as orange, crimson, pink, yellow, violet, rose-scarlet, white, etc., most of which are striped, spotted, and blotched with different shades, hardly any two plants producing flowers alike. Mixed Colors. Per 1,000 seeds, 40c.; Pkt. 10c.



HENDERSON'S FLOWER BULBS

HENDERSON'S

FOR SPRING PLANTING

UP-TO-
DATE
NAMED **GLADIOLUS**

*If by Parcel Post, add postage at Zone Rates
(average weight 10 lbs. per 100).
Single Bulbs and Dozens we deliver free in U. S.*

	Prices		
	Each	Doz.	100
Aline (C-16). A large, wide open flower of purest white, striped slightly with rosy-crimson.....	\$.25	\$2.50	....
All-a-Glow (H-11). Large, rich, blood-scarlet flowers, having a long narrow throat flame of ruby on two lower petals. A free bloomer and a showy bedder.....	.30	3.00	....
America (C-12). Perhaps the most popular Gladiolus grown, immense flowers of exquisite soft pink, glistening in the sunlight as if sprinkled with diamond dust. A touch of tyrian-rose ornaments the throat. Strong grower, free bloomer, tall, well furnished spike. \$35.00 per 1,000.....	.06	.60	4.00
Adas (L-12). Clear violet, large maroon blotch.....	.10	1.00	7.00
Attraction (C-10). Very large Amaryllis-like flowers of rich crimson and having a large white throat blotch on the three lower petals, making an effective and striking contrast; tall, strong, well furnished spike.....	.06	.60	4.00
Augusta (G-15). Pure white with lavender anthers; strong straight spike often having branches.....	.06	.60	4.00
Baron Hulot (L-13). Full round flowers of rich velvety purple-violet, lighter in the throat, a small golden rib through the lower petals is contrastingly effective; splendid tall, well furnished spike.....	.07	.75	5.00
Blanche (C-13). Immense pure white flowers with slight markings of light wine-rose in throat....	.25	2.50	....
Blue Jay (L-15). Largest Lemoinei shaped flowers of rich brilliant blue, marked with violet blotches on lower petals; tall vigorous grower.....	.75	7.50	....
Brenchleyensis (G-15). Vermilion-scarlet; an old variety, but one of the most brilliantly effective for bedding in quantity. \$18.00 per 1,000.....	.04	.40	2.50
Brilliant (C-14). Glowing orange-scarlet with carmine and white throat.....	.12	1.25	9.00
Canary Bird (G-14). One of the best yellows; clear light yellow flowers on a well furnished spike....	.15	1.50	12.00
Capt. Tanner (C-10). Extra large and fine, brilliant crimson and white, freely mottled.....	.12	1.25	9.00
Captivation (H-13). Large, cream-colored flowers with throat tints of garnet, and a large, light yellow blotch on the lower petals.....	.40	4.00	....
Cardinal (C-17). Large perfect flower of intense cardinal-scarlet; very rich and showy.....	.25	2.50	....
Charmer (H-12). Large, broad-petalled flowers of soft mauve-pink blending off lighter in the throat, which is penciled carmine-lake with a large blotch of same color on the central lower petal.....	.15	1.50	....
Cracker Jack (H-13). Dark, rich, velvety-red, throat spotted yellow and maroon.....	.12	1.25	9.00
Cynosure (H-13). Immense flowers of exquisite deep rose-pink marked on the lower petals with a throat blotch of crimson-lake; tall, sturdy well-filled spike.....	.20	2.00	....
Dazzler (H-12). Magnificent large Princeps-like flowers of vivid salmon-scarlet with a throat blotch on the lower petals of red-orange further ornamented with carmine-lake flakes; fine long spike, well filled.....	.40	4.00	....
Empress of India. Brilliant scarlet suffused rich maroon-red with white throat.....	.10	1.00	7.00
Enchantress (H-12). Blush-white lightly flaked with lake-pink toward the margins; throat encircled on the lower petals with carmine-lake blotch; a dusting of golden-bronze zoning the blotch is unique.....	.30	3.00	....
Enfant de Nancy (L-12). Purplish red and crimson, beautifully blotched.....	.12	1.25	9.00
Fascinator. Splendid large flowers of a warm salmon-pink, lighter in the throat which is lined on the lower petals with carmine-lake; fine tall spike. A beautiful variety.....	.15	1.50	12.00
Fire Flare (C-14). Soft salmon-rose; the center beautifully marked; flowers large and perfect....	.30	3.00	....
Fire King (C-12). Grand large flowers of vivid scarlet with garnet throat blotch on lower petals; sparkling in the sunlight as if sprinkled with gold dust. Splendid tall, straight, well filled spike.....	.15	1.50	12.00
F. L. Oakley (C-14). Bright salmon-pink tinted with scarlet; pure white center; very showy....	.06	.60	4.00



*If by Parcel Post, add postage at Zone Rates
(average weight 10 lbs. per 100).
Single Bulbs and Dozens we deliver free in U. S.*

	Prices		
	Each	Doz.	100
Flambeau (H-12). Immense flowers of vivid orange-scarlet with an effective throat blotch of white shaded and marked with tyrian-lake on the lower petals; strong grower and free bloomer.	\$.50	\$5.00	....
Florence (G-13). Very large flower of heliotrope, lightening to lilac at throat with white blotch	.50	5.00	....
Gleam (H-11). Large flowers of bright, cherry-rose slightly lined with carmine-lake at the throat on lower petals; the sturdy well-filled spike stands up well; very effective.....	.30	3.00	....
Glory (G-15). The Giant "Ruffled" Gladiolus. Large round flowers, the edges of the petals being daintily frilled or ruffled; the coloring is creamy-blush, lightly tinted carmine-rose; throat yellowish overlaid with purplish-carmine blotches on lower petals; fine straight spike....	.10	1.00	\$ 8.00
Glory of Holland. Large pure white tinted rose; strong, healthy grower and free bloomer.....	.12	1.25	10.00
Gorgeous (H-13). Immense Nancianus-like flowers of vivid scarlet with large, strongly contrasting silvery-white throat blotch on the three lower petals, tall, upright, well-filled spike....	.25	2.50	....

(Gladiolus continued on next page.)

Henderson's "Up-to-date" Named Gladiolus—Continued

If by Parcel Post add postage at Zone Rates (average weight 10 lbs. per 100). Single Bulbs and Dozens we deliver free in U. S.		Prices		
		Each	Doz.	100
Grenadier (C-12). Large bold flowers with ruffled edges; color, orange-scarlet with narrow white band through lower petals; throat maroon....		\$.12	\$1.25	\$10.00
Halley (H-10). Immense flowers of bright orange-rose and having a softer yellowish tint in the throat, overlaid on the lower petals with flames and dots of carmine-lake; fine spike.....		.06	.60	3.50
Incendiary (L-15). Fiery-vermilion, lower petals tinged crimson; throat rose.....		.12	1.25	10.00
Independence (G-13). Very large wax-like flowers of vivid orange-rose color with richly marked throat; \$20.00 per 1,000.....		.04	.40	3.00
I. S. Hendrickson (C-12). A large flower, beautifully mottled with white and bright pink.....		.20	2.00	15.00
Jane Dieulafoy (Gf-13). Large cream-white flowers stained with red-maroon on lower petals.....		.20	2.00	15.00
Jessie (L-10). Fine velvety-red, long well filled spike		.06	.60	4.50
Kate (C-14). Blush-white with crimson blotch....		.06	.60	4.50
Lael (C-12). A big fine light pink with carmine throat having an orange metallic lustre.....		.35	3.50	....
Lafayette (L-13). Salmon-yellow with crimson blotch.....		.12	1.25	10.00
Lamarck (L-13). Salmon with crimson and yellow spots.....		.10	1.00	7.00
Leslie (C-16). Very large flowers of exquisite soft pink with throat blotches of crimson-maroon, pointed white.....		.25	2.50	18.00

Take it out in the Garden—It answers questions—
HENDERSON'S GARDEN GUIDE and RECORD Free, with orders of \$2.00 or over. See page 3.



If by Parcel Post add postage at Zone Rates (average weight 10 lbs. per 100). Single Bulbs and Dozens we deliver free in U. S.		Prices		
		Each	Doz.	100
Liebesfeuer. An extra fine coral-red self, flowers large, of fine substance and elegantly formed.....		\$.25	\$2.50	\$18.00
Lily Lehman. Beautiful ivory-white, faintly tinted rose without markings; large flower with frilled edges...		.15	1.50	10.00
Loveliness. Extra fine cream-white with apricot and primrose throat.....		.25	2.50	18.00
Lustrous (H-13). Large flowers of lovely orange-rose, lower petals have a large throat blotch of yellow, slightly shot with purplish-lake; growth branching and sturdy; enormous bloomer.....		.25	2.50	....
Lydia (C-14). Splendid large flowers of blush white, shaded with pink and heavily flaked and edged with crimson. The variegation of the flowers varies on different spikes. In some the white predominates, in others the red (see engraving).....		.12	1.25	9.00
Madam Lemoine (L-12). White, tinged with lemon, large bright crimson center.....		.06	.60	4.00
Mad. Monneret (G-15). Delicate rose color; late bloomer and very popular.....		.06	.60	4.50
Marie Lemoine (L-11). Cream-yellow flushed salmon and lilac, lower petals spotted purplish-red and yellow.		.12	1.25	9.00
May (G-15). Lovely, pure white flowers, flaked rosy-crimson; strong spike; good for bedding and forcing.		.07	.75	5.00
Meadowvale (Gf-13). Large, white flower touched crimson in throat; lower petals flushed pink.....		.15	1.50	12.00
Melrose (C-14). Very large and extra fine white tinted with pink; bright crimson center.....		.15	1.50	12.00
Mephistopheles (L-14). Large dark red flowers stained black and yellow.....		.15	1.50	12.00
Mrs. Frank Pendleton. Immense round flowers of great substance. Coloring most attractive; vivid pink toning off blush, the lower petals being further ornamented with large velvety orange-red blotches in the throat, tall, strong grower (see engraving). ...		.15	1.50	12.00

(GLADIOLUS Continued on Next Page)

Henderson's "Up-to-Date" Named Gladiolus—Continued

If by Parcel Post add Postage at Zone Rates
(average weight 10 lbs. per 100). Single Bulbs
and Dozens we deliver free in U. S.

	Prices		
	Each	Doz.	100
Morning Star (L-12). White with large velvety-crimson throat, a well blended combination of color....	\$.15	\$1.50	\$12.00
Mrs. Francis King (C-11). A most beautiful and vivid pink; 18 to 20 immense flowers borne on a long, strong spike.....	.06	.60	4.00
Mrs. H. W. Beecher (C-14). Large, deep rosy-crimson flowers with white throat freely marked and spotted.....	.10	1.00	7.00
Negerfurst (G-13). Blood maroon with velvety black throat; blotches marked out with white and rose....	.30	3.00	....
Nezinscott (C-11). Rich blood-scarlet with velvety black-crimson throat; blotches pencilled with white.....	.12	1.25	9.00
Niagara (C-14). Immense flowers of soft nankeen yellow, toned with bright lemon and overlaid with a slight rosy flush and some flowers are lightly tipped with rose-flakes; throat touched with carmine; strong, tall, well filled spikes.....	.12	1.25	9.00
Orange Glory. A beautiful new "Ruffled Glory" Gladiolus, having large waved flowers of rosy-orange color, lighter in throat; distinct and rare....	.75	7.50	....
Painted Lady (H-16). Splendid, large blushed white flowers with throat tints of crimson-lake and a blotch of the same on lower petals.....	.50	5.00	....
Panama (C-14). A grand new seedling of America which it resembles, but is of deeper pink; flowers very large and spike long. \$65.00 per 1,000.....	.12	1.25	9.00
Peace (Gf-13). Grand large flowers, white with claret blotch on lower petal and pale lilac featherings....	.10	1.00	7.00
Portland (C-13). Very large rose-red with darker pencillings and marbled throat.....	.10	1.00	7.00
Pride of Goshen. One of Kunderd's giant ruffled Gladiolus; color salmon or flesh pink; petals elegantly waved.....	.25	2.50	18.00
Princeps (H-16). Immense flowers of rich crimson-scarlet with large white throat blotch on lower petals.....	.10	1.00	7.50
Radiance (H-16). A grand, big pink—immense flowers of a charming tone of rose-pink slightly flamed with deeper lake-pink; splendidly filled "standup" spike....	.50	5.00	....
Rich Red (C-14). A full handsome spike of well-formed large flowers; color rich deep blood-red.....	.15	1.50	12.00
Rosella (H-12). Fine large open flowers of an exquisite light rose color stained with purple and white.....	.15	1.50	12.00
Salem (C-14). Fine rich salmon-pink with maroon blotches on lower petals.....	.10	1.00	7.00
Scarsdale (Gf-12). Large flowers of lovely pinkish lavender, shading rich deep rose color; tall spike....	.10	1.00	7.00
Schwaben. Light orange-yellow with deep red blotch.....	.20	2.00	....
Scribe (C-14). A beautiful large flower of flesh-pink and rose freely striped with carmine; enormous spike.....	.10	1.00	7.00
Shakespeare (G-12). White, suffused slightly with rose, large rosy blotch; splendid for gardens and forcing....	.10	1.00	8.00
Splendour (C-14). Splendid large flower of soft, dainty rose color with large magenta stain.....	.20	2.00	15.00
Snow King. Pure white with a few carmine lines in the throat on the lower petals and blue anthers; flowers of only moderate size; but 12 to 16 are borne to a spike. It is a healthy grower and a "good doer," which merit is not usually a characteristic of white Gladiolus.....	.10	1.00	7.00
Sulphur King (G-15). A long spike of clear sulphur-yellow flowers. The best yellow in Gladiolus.....	.25	2.50	....
Sunburst (H-15). The largest-flowering, yellow Gladiolus; color, bright canary, lightly edged with flames of carmine-rose. Full spike carrying many flowers....	.30	3.00	....
Taconic (Gf-12). Lively pink, flecked and striped deeper pink; lower petals blotched crimson, ending in a thin lemon-yellow stripe.....	.08	.80	6.00
Twotint (C-14). A new, large and exquisitely colored variety; coloring lovely soft pink shading to white at throat with salmon-rose blotch, zoned yellowish....	.30	3.00	....
Viola (H-12). A very large Lemoinei type flower of exquisite mauve-blue, gradually shading to rich violet at the edges; throat toned canary with purple-garnet blotch zoned yellow in the lower petals.....	.20	2.00	....
War (Gf). A magnificent variety of rich ox-blood red; shaded with darkest crimson.....	.50	5.00	....
Wild Rose (C-16). Very large flowers of rosy blush shading to bright pink at the edges; the throat is lightly touched with tyrian-rose. The coloring is most exquisite. Splendid tall, well furnished spike....	.12	1.25	9.00
Wm. Falconer (C-13). Enormous flowers of exquisite light pink; spike of great length and well furnished....	.25	2.50	....
Winsome (H-11). Great round flowers of exquisite blush, shot and shaded with carmine-pink. A conspicuous throat blotch of crimson-lake ornaments each of the lower petals; sturdy, upright spike....	.20	2.00	....

"I sent an order to you this spring for Gladiolus bulbs. I never saw such beautiful ones and would like some more next spring.

Mrs. C. H. COLE, Portland, Maine.

My Gladiolus surpass anything I ever saw—the largest and most exquisite in color and markings. I enjoy my flower garden this summer more than ever. Each morning brings a surprise in my Gladiolus.

Mrs. LUNA C. THOMAS, Denver, Colo.

My Gladiolus were gorgeous and I regret I did not buy more than I did.

F. HIER, Norwood, Ohio.

My Gladiolus are blooming fine and everybody thinks they are fine, every bulb blooming.

Mr. CLARENCE K. GAMBLE, Delanco, N. J.

GLADIOLUS PRIMULINUS HYBRIDS

A few years ago the wild "Primulinus" Gladiolus was discovered near Victoria Falls, South Africa. As we know the modern garden varieties of to-day it was inferior—but what was important it was rugged, floriferous and bore the purest yellow flowers known among Gladiolus. In consequence it was taken in hand by several Gladiolus hybridizers in Europe who crossed it with various allied species and choice garden varieties; although the strong, wild blood of Primulinus predominates these hybrids, yet the opposite parents have had so much influence that we describe the hybrids as follows: flowers of medium size, borne profusely; colors, bright and varied with an undertone of yellow—as pure yellow, chamois, orange, buff, copper, yellow shot with orange red, buff with orange-rose, orange-red, some with soft orange or golden throats, etc.; growth vigorous, from 3 to 5 feet high; spikes long, graceful and well furnished; most graceful and beautiful for vases. All of which we offer in mixture. Price 10c. each, \$1.00 per doz., \$7.00 per 100, \$65.00 per 1,000.



Gladiolus Primulinus
Grown and Photographed by
JOHN T. RUSIN
Nelsonville, P. Q.

GLADIOLUS IN MIXTURES

VARIOUS TYPES AND COLOR EFFECTS SEPARATE

All Largest Size Flowering Bulbs—Not Seconds that are sold at Lower Prices

	Doz.	100	1000
Henderson's Extra Choice Rainbow Mixture. Our best mixture from named Gandavensis, Childsii and hybrid types. A well blended combination of all colors and shades.....	\$0.35	\$2.00	\$18.00
Henderson's Extra Choice Gladiolus:			
White and Light Varieties Mixed.....	.40	2.50	22.00
Striped and Variegated Varieties Mixed.....	.50	3.50	30.00
Pink and Rose Colored Varieties Mixed.....	.40	2.50	22.00
Red and Scarlet Varieties Mixed.....	.40	2.00	18.00
Yellow, Salmon and Orange Colored Mixed.....	.75	6.00	55.00
White-throated Red and Pink Varieties Mixed.....	.50	3.50	30.00
Blue Hybrids Mixed.....	1.25	9.00	....
"Childsii" Named and Hybrids Mixed.....	.50	3.50	30.00
"Groff Type" Named and Hybrids Mixed.....	.50	3.50	30.00
Lemoinei's Hybrids Mixed (Weight 6 lbs. per 100).....	.40	2.50	20.00
Kunderd's Hybrids Mixed, including many Ruffled.....	.75	5.00	40.00
Primulinus Hybrids Mixed.....	1.00	7.00	65.00

HENDERSON'S

COLLECTIONS OF NAMED GLADIOLUS

Collated from the Childsii, Gandavensis, Groff's, Hybrid and Lemoinei named Varieties

Excellent Collection. Contains 1 bulb each of 12 varieties, priced at 7c. 8c. and 10c. each. (Our selection.) Delivered free in U. S.\$.85
Perfection Collection. Contains 1 bulb each of 12 varieties, priced at 12c. each. (Our selection.) Delivered free in U. S.\$1.25
Choice Collection. Contains 1 bulb each of 12 varieties priced at 15c., 18c., 20c. and 25c. each. (Our selection.) Delivered free in U. S. \$2.00.

GARDEN CULTURE of GLADIOLUS Our Leaflet on Best Methods of Growing, Flowering and Harvesting the Bulbs. FREE to CUSTOMERS when asked for

HENDERSON'S SUPERIOR LILY BULBS

Lilies are stately and most beautiful bulbous plants—producing large flowers of exquisite outline and varied coloring. They deserve to be more extensively grown in our gardens—being hardy even in cold locations with protection, and usually surviving for many years. The plants and roots ripen and die off every year, leaving the bulb in a dormant condition during the Winter. Ideal locations are in the shrubbery or herbaceous border, where the roots are sheltered from the hot sun. Groups of 6 or more lilies of a kind, here and there, in such situations are most effective. Large isolated clumps or beds of the varieties Auratum, Henryi, Speciosum, Tigrinum, etc., are also very beautiful. The lilies marked * are "stem rooting," that is they throw out a mass of roots from the base of the stem above the bulb, and in consequence should be planted deep, 6 to 8 inches below the surface in light soils, or 4 to 5 inches below in heavy soils, in the latter case the bulbs should be surrounded by sand to facilitate drainage. Lilies not marked with a * produce few or no stem roots and need not be planted deeper than 2 to 3 inches below the soil level.

"Lilies, by Adams," is the title of the best American book on the subject. Price, \$1.10 postpaid.

If by Parcel Post add postage @ Zone Rates. The weight per doz. is given to each variety. Single bulbs mailed free.

	Each	Doz.
*Auratum. (The Golden Rayed Lily of Japan.) One of the finest and most popular of the hardy garden lilies. Groups of 6 to 12 of these lilies produce a stately and magnificent effect. The flowers are pure white, thickly studded with crimson spots, while through the centre of each petal runs a clear golden band. 3 to 5 feet. \$18.00 per 100. (Weight: 3 lbs. per doz.)	.25	2.50
Canadense. Our beautiful native Canadian Lily. Bright yellow marked with copious spots of red; blooms in June and July. 2 to 3 feet high. (Weight: ½ lb. per doz.)	.15	1.50
*Elegans Erectum Robustum. Succeeds anywhere; flowers very large, erect and borne in clusters; orange, spotted maroon; 1½ feet; blooms in June and July. (½ lb. doz.)	.15	1.50
*Elegans Sanguineum. The richest red known in Lilies, a deep oxblood crimson, slightly spotted with black, very free and easily grown. (Weight: ½ lb. per doz.)	.20	2.00
*Elegans Leonard Joerg. Rich apricot spotted. (Weight: ½ lb. per doz.)	.20	2.00
*Elegans Aurora. Deep rich orange suffused scarlet. (Weight: ½ lb. per doz.)	.25	2.50
*Henryi. (The Yellow Speciosum.) One of the best Lilies for garden culture and most effective for massing. The flower stalks, 3 to 5 feet high, carry 5 to 8 large flowers each, the color, a rich apricot-yellow, lightly spotted with brown. (Weight: 2 lbs. per doz.)	.60	6.00
*Longiflorum. Well-known, beautiful, snow-white, fragrant, hardy garden Lily; flowers trumpet-shaped, 6 to 8 inches long; height, 1½ to 3 feet. \$12.00 per 100. (Weight: 2 lbs. per doz.)	.15	1.50
*Philadelphicum. Native variety; bright orange-red spotted with purple. Height, 1 to 3 feet. Midsummer. (Weight: ½ lb. per doz.)	.15	1.50
*Speciosum or Lancifolium. The varieties of L. Speciosum or Lancifolium are perhaps the most popular Lilies grown, being easy of cultivation, and produce large flowers of delicate beauty on strong stems; height, from 2 to 4 feet; blooming in August. The varieties are:		
*Speciosum Album. White. (Weight: 3 lbs. per doz.)	.30	3.00
*Speciosum Rubrum (Roseum). White, shaded and spotted with rose and red. (Weight: 3 lbs. per doz.)	.25	2.50
*Speciosum Magnificum. A beautiful variety; flowers nearly double the size of other Speciosum varieties and of taller sturdy growth. Red rich heavily spotted. (Weight: 4 lbs. per doz.)	.30	3.00
Superbum. (Turk's Cap Lily.) One of our native species. When established in good, rich soil, it will produce upwards of 50 beautiful orange, tipped red, spotted flowers in a pyramidal cluster. 3 to 5 feet high. Blooms in July. (Weight: ½ lb. per doz.)	.15	1.50
*Tenuifolium. A miniature Lily having slender stems, 18 inches high, bearing 12 to 20 fiery-scarlet flowers. A gem for cutting, and easily grown in pots or in warm, dry border; early. Mailed free.	.15	1.50
*Tigrinum Splendens. (Improved Tiger Lily.) The grandest of the Tigers, black polished stem, sometimes 6 feet high. Very large pyramids of flowers, orange red, spotted with black, 3 to 5 feet high. Blooms in August. (Weight: 1 lb. per doz.) \$10.00 per 100	.15	1.50
*Tigrinum Flora Plena. (Double Tiger Lily.) This is a plant of stately habit, growing from 4 to 6 feet high, bearing an immense number of double bright orange-red flowers spotted with black. Blooms in August. (Weight: 1 lb. per doz.) \$10.00 per 100	.15	1.50
*Umbellatum. (Davuricum.) Large showy flowers held upright in clusters, flowering in June and July. The colors range through all shades of red from rose to blackish-crimson, yellow, buff, apricot, orange, etc., many being spotted. 2 to 3 feet high. Mixed colors. (Weight: 1 lb. per doz.)	.15	1.50



"I send you herewith a photograph of an Auratum Lily Plant (see engraving above). Three years ago I bought the bulbs from you and planted them. The photo shows the Lily as it was this year. It grew to be seven feet high, and bore seventy-two flowers." Sept. 6, 1917

HENRY LAW, Morristown, N. J.



MISCELLANEOUS SUMMER-FLOWERING BULBS

This class includes some of our showiest garden flowers. They are of the easiest culture; planted in spring in good garden soil, they flower with great certainty during summer and fall.

ANEMONE

Giant "St. Brigid." A new Irish race bearing magnificent flowers, double, semi-double and single, 3 to 5 inches across and of the richest as well as the daintiest colors, markings, blendings, etc. The flowers are borne freely on long stems and are extravagantly beautiful when vased, the graceful, feathery foliage supplying a charming setting. Mixed Colors. 35c. doz.; \$2.50 per 100. Mailed Free.

CRINUM

If by Parcel Post, add Postage at Zone Rates. Weights given. Kirkil. Produces flowers of the greatest beauty. Usually two flower stalks of dark purplish color are sent up at the same time, each bearing a large umbel of enormous Lily-like flowers, of white, with a reddish purple stripe through the center. Extra large bulbs, 30c. each; \$3.00 per doz. Packed weight, 1 lb. each.

Powelli Roseum. Flowers large and lily-like borne in clusters on strong stems 3 to 4 feet long, rose pink flowers. 30c. each; \$3.00 per doz. Packed weight, ½ lb. each.



EMERALD VINE

If by Parcel Post, add Postage at Zone Rates. Weight, ½ lb. per doz. Single Bulbs mailed Free.

This beautiful, hardy vine belongs to the CinnamonVine family. The slender vines are of dense growth and very graceful.

Leaves of good size, forked or divided and of a deep emerald-green with a decided lustre or sheen. Flowers in drooping racemes and so numerous as to be a very distinct and attractive feature of the vine. Tubers round and solid like a Gladiolus bulb. Price, 15c. each; \$1.50 per doz.

HYACINTHUS CANDICANS

If by Parcel Post, add -Postage at Zone Rates. Weight, 1½ lbs. per doz. Single Bulbs mailed Free.

A luxuriant-growing, summer-flowering plant, spreading 2 to 3 feet, throwing spikes 4 to 5 feet in height, each bearing 20 to 30 large, white, bell-shaped flowers, splendid for groups. If planted in the center of beds of scarlet Gladiolus, the effect is magnificent. Price, 6c. each; 60c. per doz.; \$4.00 per 100.



BESSERA ELEGANS or Mexican Coral Drops

Exquisite and free-blooming. The flowers are borne in graceful umbels of 12 to 20, on stems 1 to 2 feet high, and open in succession during fully two months of summer and autumn. Color, bright vermilion marked with rosy-white. Price, 5c. each; 50c. per doz.; \$4.00 per 100. Mailed Free.

CALADIUM ESCULENTUM

If by Parcel Post, add Postage at Zone Rates. Weights given.

(Elephant's Ear.) Grand, tropical-looking plant. A favorite for specimens on the lawn, or for bordering large sub-tropical groups. In deep, rich soil, if freely watered, they produce enormous leaves, frequently 4 feet long by 3 feet wide; height, 4 to 5 feet.

Extra Size. 12 inches and over in circumference. Price, 25c. each; \$2.50 per doz. Packed weight, 2 lbs. each.

First Size. 9 inches and over in circumference. Price, 15c. each; \$1.50 per doz. Packed weight, 1 lb. each.

Second Size. 6 inches and over in circumference. Price, 10c. each; \$1.00 per doz. Packed weight, ½ lb. each.

CINNAMON VINE

If by Parcel Post, add Postage at Zone Rates. Weight, ½ lb. per doz. Single Bulbs mailed Free.

A beautiful, hardy climber for anything on which the vines can twine; it grows from 15 to 30 feet high and when established the vines attain a much greater length. The leaves are green, thick and glossy, always clean, healthy and free from insects. The white flowers, while insignificant, emit a delightful cinnamon-like perfume. Price, extra large, 2-year-old roots, 10c. each; \$1.00 per doz.; \$8.00 per 100.



MADEIRA VINE

If by Parcel Post, add Postage at Zone Rates. Weight, ½ lb. per doz. Single Bulbs mailed Free.

The old favorite, "Climbing Mignonette." So much prized for porches and arbors, on account of its rapid growth and freedom from insects. Thick, glossy leaves, and long, hanging stems of feathery, fragrant white flowers. The tubers we offer are selected large size. Price, 6c. each; 60c. per doz.; \$4.00 per 100.

MILLA BIFLORA

(Mexican Star or Frost Flower)

Flowers star-shaped, 2 inches across, clear waxy-white, of great substance, enlivened by a frost-like sparkle; the fragrance is delightful. Place a stalk in water and the flowers will all open; we have seen 11 stalks shoot up successively from one bulb. The bulbs flower profusely and with great certainty. Height, 12 to 18 inches. For an effective display, groups of 12 to 25 or more should be planted about 6 inches apart in a sunny bed. Price, 5c. each; 50c. per doz.; \$4.00 per 100. Mailed Free.

MONTBRETIA

The Montbretia is one of the most floriferous and showy of summer-flowering bulbous plants. A dozen or more bulbs, planted 6 inches apart in a group in a sunny position, and allowed to remain, will form magnificent clumps from 2 to 3 feet across, producing, in great numbers, graceful spikes 8 to 12 inches long, each spike bearing from 18 to 30 exceedingly showy star-shaped flowers, 1½ to 2 inches across. Mixed Hybrids. Price, 50c. per doz.; \$3.75 per 100. Mailed Free.





PANCRACTIUM CALATHINUM

If by Parcel Post add Postage at Zone Rates. Weight 2 lbs. per doz. Single Bulbs mailed Free.

Handsome clusters of large, very striking, fragrant, pearly white flowers. Bulbs should be kept warm and dry, and planted out in the middle of May. They will then commence flowering in July. It is also admirably adapted for pot culture. Price, 10c. each; \$1.00 per doz.

WATER LILIES AND AQUATICS

Our Descriptive and Illustrated Water Lily Price List, will be Mailed to those Interested on Application.



HENDERSON'S DOUBLE DWARF PEARL TUBEROSE

If by Parcel Post, add Postage at Zone Rates. Weight, 1½ lbs. per doz. Single Bulbs mailed Free.

Plant dwarf, growth stocky, the flower spikes attaining a height of about 2 feet, and are compactly filled for two-thirds of their length with very large, perfectly double flowers, 1½ to 2 inches across, or nearly twice the size of the old sort. The flowers have the wax-like substance of a Camellia, are glistening white and deliciously fragrant. The bulbs planted in the garden in May, in warm, rich soil, in a sunny position, flower with great certainty in the fall. If early flowers are wanted, the bulbs may be started in pots in the house from February to April, removing the plants to open ground when it is warm enough in May. Price, extra large flowering bulbs, 5c. each; 50c. per doz.; \$3.00 per 100.

TUBEROSE "SILVER LEAF"

If by Parcel Post, add Postage at Zone Rates. Weight, 1 lb. per doz. Single Bulbs mailed Free.

Showy and effective, even when not in bloom, the foliage being distinctly striped white and green. Each bulb frequently throws up two or more spikes, 3 to 4 feet high, each bearing from 25 to 40 pure white, single, waxy flowers, delicately perfumed. They flower several weeks earlier than double Tuberoses. Price, 6c. each; 65c. per doz.; \$5.00 per 100.

EARLY FLOWERING SINGLE TUBEROSE

If by Parcel Post, add Postage at Zone Rates. Weight, 1 lb. per doz. Single Bulbs mailed Free.

A single white Tuberose. It commences to flower in July and August, throwing from two to five flower spikes from a single bulb. Beautiful for gardens and a splendid cut flower. Price, 6c. each; 65c. per doz.; \$5.00 per 100.

ZEPHYRANTHES

Most beautiful dwarf bulbous plants; very effective for planting out in masses in May, flowering with great profusion during the summer. They are also most suitable for pot culture; 6 to 12 bulbs clustered in a 6-inch pot will give a fine display of bloom 1 foot high.

White (Candida). Large white flowers. Price, 50c. per doz.; \$3.75 per 100. Mailed Free. Pink (Rosea). Large beautiful rose-colored flowers. Price, \$1.00 per doz.; \$7.50 per 100. Mailed Free.

Yellow (Texana Aurea). Bright yellow. Price, 65c. per doz.; \$5.00 per 100. Mailed Free.

HENDERSON'S GARDEN GUIDE AND RECORD

Contains much valuable gardening information—no other gardening book we ever sent out has received so much praise.

Free with orders of \$2.00 or over if asked for when ordering. (See page 3.)



INCLUDE YOUR ORDER WITH OURS FOR IMPORTED FALL BULBS

AND GET THE BENEFIT OF LOWER PRICES

We import the Largest and Best Bulbs that come to America
STANDARD VARIETIES AND CHOICE
NOVELTIES IN

Tulips, Hyacinths, Daffodils, Crocus, and a
Host of Other Bulbous Beauties

All described and Especially Low-Priced in Henderson's
IMPORT BULB CATALOGUE

Ready in April—Send for a Copy and Let Us Book Your Order for
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Peter Henderson & Co., 35 and 37 Cortlandt Street
New York

Our booklet, "The Culture of Water Lilies and Aquatics," illustrated. Price, 50c., or given free, with a \$5.00 order.



ANNOUNCEMENT

It is with much regret we announce the closing of our greenhouse establishment in Jersey City, N. J. This was brought about by the prevailing conditions, both local and general. The loss of men in our seed department, who have gone into the service, compelled us to transfer men from the greenhouse department to fill the vacancies thus created. Our seed department has thus been strengthened by the addition to it of men trained in soil operations, most of them having been in our employment for twenty years or more. In reaching our decision to close the greenhouses, we were influenced very largely by the fact that it would be necessary for us to concentrate our energies upon the production and distribution of garden and farm seeds, which is by far the most important part of our business. It is also vitally important to the country that the seed supply be continued unimpaired as far as humanly possible at this time. In the present crisis the food supply of the country is the paramount consideration.

We will still maintain our trial grounds for vegetable, grass, grain and flower seeds, and operate our greenhouses for seed-testing purposes, as many as may be required, so that all the safeguards drawn around our seeds, both as to purity and germination, will be maintained as in the past.

We will abandon entirely the growing and sale of plants, both greenhouse and outdoors, but will continue to produce and develop select strains of seeds at our grounds as formerly.

We will also continue to sell bulbs and flowering roots, such as Gladioli, Tuberoses, Cannas, Dahlias, etc., devoting special attention to these.

PETER HENDERSON & CO.

January 1, 1918.

CHOICE SELECTED FRENCH CANNAS

Note.—The height to which these Cannas usually grow, except where stated in description, is 4 to 5 feet, according to season and soil. The foliage of all is green except where stated otherwise.

- Alcmannia.** Rich orange-red with golden-yellow border, dotted with orange-red spots. Inner petals almost entirely red with yellow throat, dotted orange-red. Height, 6 feet.
- Beaute Poitevine.** A very fine dark crimson variety with dark metallic green foliage and deep rich crimson flowers of great beauty. One of the best bedding varieties.
- Buttercup.** Yellow, as bright as the "buttercup" of our fields. Best in its color. Because of its dwarf and compact habit it is especially valuable for planting as a border around taller sorts. Height, 3 feet. Dormant roots, 20c. each, \$2.00 per doz.;
- Cinnabar.** Cinnabar-red, distinctly edged with golden-yellow. There is just enough of yellow to intensify the red.
- Defender.** Clear rich yellow, striped scarlet, splendid for edging. Produces fine large heads of broad petaled flowers. This is one of the best spotted and splashed varieties we have. 3 to 3½ feet.
- Duke of Marlborough.** This is decidedly the darkest and richest colored Canna in existence. A deep, rich crimson-maroon. A particularly attractive and useful bedding variety.
- Italia.** The coloring is gorgeous in the extreme. Rich golden-yellow with patches of brilliant reddish-crimson and irregular spots on upper petals. 6 feet.
- J. D. Eisele.** Vermilion-scarlet, overlaid with orange. It is a compact grower, producing immense trusses and flowers. 3½ feet.
- Louisiana.** A new giant, vivid scarlet-crimson Canna. The flowers are more than 7 inches across. It grows 6 feet high.
- Mlle. Berat.** Color a unique shade of soft rosy-carmine, or deep pink it might be called. Large trusses. A robust grower and free bloomer.
- Philadelphia.** A bright glowing red, very rich and velvety. An early and constant bloomer, handsome green foliage, medium height.
- Queen Charlotte.** The center brilliant orange-scarlet, with crimson tones; with a distinct golden belt around each petal. The flower trusses stand well above the foliage. It is an early and continuous bloomer, beginning to flower when quite dwarf.
- Richard, Wallace.** A pleasing shade of canary yellow, large flowers. Makes a bushy, compact plant; the flowers are held well above the foliage.
- Souv. d'Antoine Crozy.** Intense scarlet, rich and dazzling, rich golden-yellow edge. Does not fade or scorch in hot weather.
- Wyoming.** A brilliant orange. Bronze purple foliage. The massive flowers and bronze foliage form a striking contrast. 6 feet.
- Price, dormant roots, 15c. each, \$1.50 per doz., \$12.00 per 100.

Cannas in Quantity for Massing

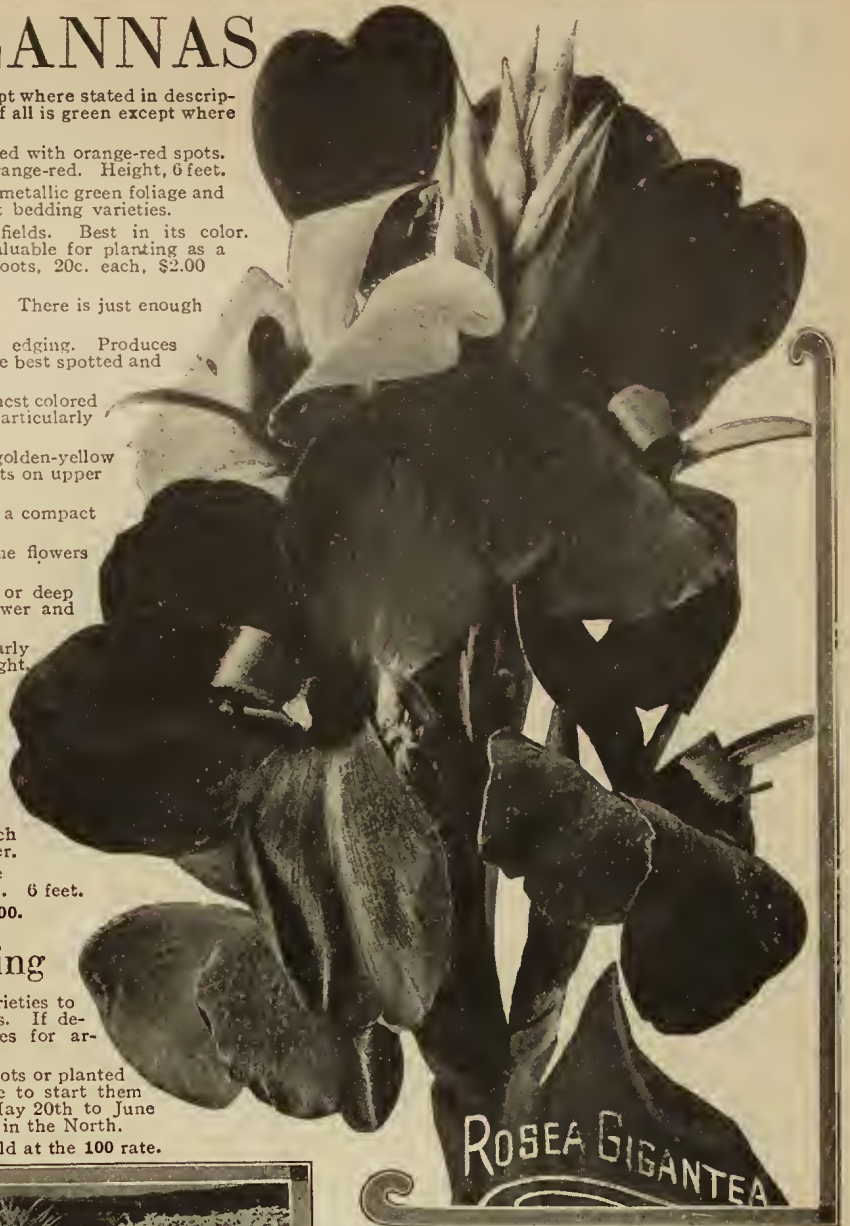
For the convenience of those who are at a loss what varieties to select we make special offer of the best sorts in separate colors. If desired we will select tall, medium and low-growing varieties for arrangement in beds.

Dormant roots of Cannas should be potted in 4 or 5-inch pots or planted in shallow boxes in March or April, and kept in a warm place to start them into growth. The started plants may be planted out about May 20th to June 10th in the vicinity of New York; earlier in the South; later in the North.

Price, dormant roots, \$10.00 per 100. Not less than 25 sold at the 100 rate.



LITTLE GEM



ROSEA GIGANTEA

Giant Rose-Pink Canna "Rosea Gigantea"

A giant in size of flower and general worth. Flowers soft rose shading to carmine-pink. A wonderful bloomer, and a fine grower. The flowers are unusually large and are borne in great abundance. (See engraving.)

Price, dormant roots, 25c. each, \$2.50 per doz.

New Lilliputian Canna "Little Gem"

This makes a compact mass of handsome green leaves surmounted by a wealth of brilliant orange-scarlet flowers, edged with brilliant yellow. The height rarely exceeds two feet, so that its value for edging, for centers of low beds, for planting in herbaceous borders, or for pot culture is apparent. An early and continuous bloomer. (See engraving.)

Price, dormant roots, 20c. each, \$2.00 per doz.

"The Cannas we ordered from you last year were a little slow at first but finally turned out fine and were the handsomest I ever saw. Were well pleased with them."

W. G. WATSON, Rochester, N. Y.

WE AIM TO FILL ORDERS PROMPTLY. HELP US BY ORDERING EARLY.

Henderson's "Victory" Collection of Six Splendid Cannas

(Shown in color on opposite page)

In profusion of bloom they are remarkable; beginning early in summer they send up shoot after shoot, thus continuing in flower all summer. It is no exaggeration to say that the flower spikes in size, richness and diversity of color are equal to many varieties of Gladiolus.

Cannas are usually grouped in beds and for that purpose we can supply them in quantity at the prices quoted for each variety. Where one has room to devote to an entire Canna bed the six sorts offered in this collection intermingled with other summer flowering plants will add attractiveness to the display from July until frost.

No. 1 NIAGARA

A strikingly brilliant variety, deep rich crimson, broad, heavy petals gracefully recurved and margined with a broad band of rich golden-yellow merging into the crimson. In some flowers this yellow border is spotted and splashed with crimson. Grows about 3 feet high, making a handsome specimen with broad strong green foliage, large spikes of flowers. Price, dormant roots, 25c. each, \$2.50 per doz., \$15.00 per 100. Not less than 50 sold at the 100 rate.

No. 2 KING HUMBERT

A brilliant orange-scarlet with bright red shadings. Large trusses of blooms, the individual flowers being six inches in diameter. Foliage a rich, reddish bronzed with lighter shadings. Where foliage effect is desired nothing richer can be found. It is broad and massive. The finest red foliage and flowering variety grown. Height 5 feet. Price, dormant roots, 20c. each, \$2.00 per doz., \$12.00 per 100. Not less than 50 sold at the 100 rate.

No. 3 MAROS

A distinct variety the flowers of which are creamy white. A healthy vigorous grower with fine green foliage. Its great masses of white flowers contrast finely with the crimson sorts. Price, dormant roots, 40c. each, \$4.00 per doz.

No. 4 CHARLES HENDERSON

The color is a deep rich crimson with a yellow flame at the throat. A very compact grower, elegant dark green foliage. The flower spikes are of good size, the petals are broad and beautifully recurved, which, in addition, forming a globular head of perfect florets, keep the truss clear of all faded flowers. Price, dormant roots, 15c. each; \$1.50 per doz., \$12.00 per 100.

No. 5 YELLOW KING HUMBERT

A green leaved sport of the popular King Humbert. It has the same habit of growth and free flowering qualities but the flowers are bright yellow and lightly spotted with red. This is the best yellow Canna now on the market. The flowers are of the largest size, heads full and borne well above the foliage. Price, dormant roots, 25c. each, \$2.50 per doz.

No. 6 MRS. ALFRED F. CONARD

This has become the most popular pink Canna ever introduced and it unsurpassed for planting either singly or in large beds. Its exquisite salmon pink flowers are of largest size. Wonderfully profuse in blooming, large heads, 4 feet. Green foliage. Price, dormant roots, 25c. each, \$2.50 per doz., \$15.00 per 100. Not less than 50 sold at the 100 rate.

SPECIAL OFFER. The "Victory" Collection of Six Cannas. Dormant Roots \$1.25

EIGHT MAGNIFICENT CANNAS

Beacon. Green foliage. Moderate sized flowers of very rich cardinal red which are produced in great masses. A remarkable bloomer. The plant makes a vigorous growth, averages about 4 feet in height.

Gladiator. A rugged strong growing variety which withstands our summer storms better than almost any other variety. The flowers are bright yellow, thickly spotted with crimson. Blooms freely all summer. Height 4 to 5 feet.

Gustav Gumpfer. This is an ideal bedding variety; color, a refreshing rich golden yellow. The flowers are of good size held well above the foliage. This variety has been one of the most conspicuous in our fields. Height, 3½ to 4 feet.

Long Branch. A magnificent vermilion scarlet with golden yellow border, throat flamed yellow. Luxuriant green foliage; height, 5 to 6 feet.

Loveliness. Green foliage. Color bright ruby carmine. Very striking and distinct. The medium size flowers are borne in great profusion on

strong upright stems. It is in flower practically all season, as new flower stalks are constantly appearing before the older flowers fade. Makes a dwarf, compact plant about 3 feet high.

Mrs. Karl Kelsey. It grows 6 to 7 feet high, luxuriant foliage, green with a narrow edge of purple, bearing erect, full heads of enormous flowers. Color orange-scarlet wondrously flaked and striped with golden yellow. The petals are wavy-edged.

Panama. This is a particularly attractive variety. The color is orange-red with a narrow margin of bright golden yellow. The flowers are large and flat with very broad petals. It blooms most freely and makes a magnificent show all season. Height, 3 feet.

Uncle Sam. This Canna received an award of merit from the Royal Horticultural Society of England. It is very stately in appearance. Brilliant orange-scarlet flowers. A tall, strong-growing variety, very striking and distinct. Height, 6 to 7 feet.

Price, dormant roots 25c. each, \$2.50 per doz.



KATE F. DEEMER

Green foliage. The grand flowers open a rich, orange yellow, which gradually gives place to turkey red in the center and throat of the flower, in striking contrast with the rest of the blossom, which turns almost white. The rich yellow buds on reddish brown stems, combined with the yellow and white flowers make a fascinating combination. 4 feet. Price, dormant roots, 25c. each, \$2.50 per doz.

WABASH

The bronze-leaved "Rosea Gigantea." Flower is unusually large, and borne in great abundance. This variety has the same carmine pink color as that famous novelty, adding the handsome bronze foliage. 4 feet. Price, dormant roots, 25c. each, \$2.50 per doz.



HENDERSON'S "VICTORY" COLLECTION OF 6 SPLENDID CANNAS

SEE
OPPOSITE
PAGE



HENDERSON'S "ALL AMERICA" COLLECTION OF DAHLIAS ^{SEE} OPPOSITE PAGE

FIELD GROWN DAHLIA ROOTS

ANNOUNCEMENT. We sell only Field grown roots. Growing plants of Dahlias do not travel well, besides the field grown roots are more likely to give a larger and finer crop of flowers. Our customers who have visited our stores during the season when Dahlias were in bloom had the opportunity to see our exhibition of flowers cut from our growing stock, and all correctly labeled. Our large show windows and spacious stores give us unequalled facilities for displays of flowers in their season and we cordially invite all, whether customers or not, to visit us and take advantage of the opportunities given to see the various varieties and compare them. Our employees are instructed to afford every aid to visitors in making up lists and selecting varieties whether they purchase or not. All are welcome.

NEW PAEONY FLOWERED DAHLIA BERGH VAN HEEMSTEDE

This variety is very showy, particularly under artificial light. The color is a combination of yellow and lavender. The flowers are large and well formed and produced on strong stems. Price, field grown roots, 50c. each, \$5.00 per doz.

PAEONY FLOWERED DAHLIA BERTHA VON SUTTNER

A beautiful variety for habit of growth and freedom of bloom. Begins to flower early and continues until checked by frost. The flowers are the true Peony type; the color a soft mauve-pink with a salmon tint. Price, field grown roots, 50c. each, \$5.00 per doz.

NEW DECORATIVE DAHLIA CORONA

A miniature decorative form, fully double and of purest white. Its wonderful freedom of bloom, pure color and chaste form places it at once at the head of the list as a florists' flower. At a little distance it would be pronounced a Carnation, which it resembles both in size and form. Price, field grown roots, 50c. each, \$5.00 per doz.

PAEONY DECORATIVE DAHLIA JAN OLIESLAGERS

Deep primrose yellow; rich and effective; flowers large and full; remaining in good condition a long time. Price, field grown roots, 50c. each, \$5.00 per doz.

DECORATIVE DAHLIA PAPA CHARMET

A wonderfully rich shade of coral-red overlaid with a darker shade of velvety maroon. The flowers are of good size under normal conditions and by disbudding flowers six inches or over across may be had. The habit is ideal, compact, medium height and branching. The demand for Dahlias as cut flowers is constantly increasing and this fine variety is unsurpassed for that purpose. (See engraving.) Price, field grown roots, 40c. each, \$4.00 per doz.



THE "ALL AMERICA" COLLECTION OF DAHLIAS

SHOWN IN COLORS ON OPPOSITE PAGE

The great and growing desire for useful garden flowers and the wonderful varieties recently introduced have brought the Dahlia into general demand. Their easy culture and showy appearance are well known. The varieties we offer in the "All America" collection have been selected from the newer sorts. We have included the Cactus, Peony and Decorative types and have endeavored to get as great a contrast of color as possible. They should give an abundance of flowers for cutting and provide a continuous display in the garden. "Dahlia Culture" by Charles Henderson. An Eight-page pamphlet, free upon request with order.

No. 1 NEW PAEONY FLOWERED DAHLIA DIEMONT VAN BIJSTIEN

The color is a most delicate lilac mauve with bluish tints towards the edge of the petals. The flowers are large and decidedly pleasing in effect. They are borne on long stems of wiry stiffness well above the foliage. Fine for cutting. The plant is a strong healthy grower, averaging about 5 ft. in height and bushy; an early and profuse bloomer. Price, field grown roots, 75c. each, \$7.50 per doz.

No. 2 NEW CACTUS DAHLIA CRYSTAL

A splendid exhibition variety. The plant is a vigorous grower, of branching habit, producing the flowers in great quantities on long stems. Flowers of good size, petals long, incurved and twisted. This variety has none of the formality and stiffness so characteristic of some of the "Cactus" type. Color silvery pink shaded with ivory white. Price, field grown roots, 50c. each, \$5.00 per doz.

No. 3 NEW DECORATIVE DAHLIA HORTULANUS WITTE

One of the most valuable Dahlias yet introduced, both as a blooming plant and for cut flowers. Pure white in color and fine regular form; broad petals, perfectly full flowers. A variety that should be in every collection, especially where cut flowers are wanted. Price, field grown roots, 50c. each, \$5.00 per doz.

No. 4 NEW CACTUS DAHLIA GOLDEN EAGLE

A most distinct new variety. Color a pleasing golden buff. Flowers of large size, typical "Cactus" form, of great depth; gracefully incurved petals. Price, field grown roots, 50c. each, \$5.00 per doz.

No. 5 NEW DECORATIVE DAHLIA AUGUSTA NONIN

A big bold fiery red flower, double to the center, never showing the yellow stamens or immature green. They keep remarkable on the plant. This variety is unsurpassed for cut flowers because of its splendid color, size, stem and keeping qualities. Price, field grown roots, 50c. each, \$5.00 per doz.

SPECIAL OFFER

"All America" Collection of Five Dahlias—Field Grown Roots, \$2.50.

If Wanted by Parcel Post Add Postage at Zone Rate; Packed Weight, 6 Lbs. per Dozen.



New Cactus Dahlias

The Cactus Dahlias have become very popular and deservedly. Hybridizers the world over have been devoting extra attention to them so that the improvement is very marked both in form and coloring. In the latter particular this type shows more variation and pleasing combinations than are found in the others. The flowers are borne airily on long stems, they are lighter than the others, more loosely formed, more graceful, consequently are of the greatest value for cut flowers. The petals are long and rolled usually to a rounded point; they are incurving and erect in many varieties, giving great depth to the flowers.

Alpenrose. A fine flower, with twisted petals of a bright aniline red, intensified by a golden yellow suffusion.

Etendard de Lyon. Hybrid Cactus type, distinct in shape from all others. The petals are broad, curled and wavy, and form a flower fully 6 inches in diameter and 4 inches deep; a very large flower, yet without any stiffness or formality; its color is rich carmine rose, with a brilliant suffusion difficult to describe.

Extrase. A great exhibition flower with narrow petals of a tender shade of mauve rose, which gradually passes to a white center.

Gelber Prinz. The finest deep yellow Dahlia to date; long stems and large flowers.

Kalif. (Colossal Cactus.) A truly majestic flower, frequently measuring 8 to 9 inches in diameter; of perfect Cactus form; in color a pure scarlet.

Nancy Mae. A very handsome "Cactus" Dahlia, color intense scarlet with maroon shading enhancing the richness of coloring. Large flowers of splendid form, and always full to the center.

New York. One of the largest, with long, narrow, tubular petals of a salmon-rose color, with bronzy shading.

Prima Donna. Distinct and free; flowers large, with long, tubular, twisted, incurved petals, the center ones creamy white, the outer delicate mauve pink.

Sweetbrier. A superb variety of an exquisite shade of pink; very free; on good, stiff stems.

The Lion. A good shape; large flowers; bronzy old rose, suffused with yellow and salmon; very free and effective.

Wodan. The color is a pleasing delicate salmon rose, shading to old gold in the center. The petals are tubular, and semi-incurved, giving great depth to the flower. When cut it retains its freshness a long time.

Wolfgang von Goethe. Large, gracefully arranged, perfect flowers of a rich apricot, with carmine shadings.

Price, field grown roots, 50c. each, \$5.00 per doz. Set of 12 New Cactus Dahlias, \$5.00. If wanted by Parcel Post add Postage at Zone Rates. Packed weight $\frac{1}{2}$ lb. each, 6 lbs. per doz.

New Cactus Dahlia MARGUERITE BOUCHON

The color is an exquisite shade of brilliant, yet soft, rose, with a very large white center and distinctly defined white tips. It is a strong free grower, fine foliage; a very free bloomer with long-stemmed flowers held well above the foliage. Fine for cut flowers. (See engraving.) Price, field grown roots, 35c. each, \$3.50 per doz. If wanted by Parcel Post, add Postage at Zone Rates. Packed weight $\frac{1}{2}$ lb. each.

"Cactus" Dahlias

Amos Perry. One of the most brilliant Dahlias; color purest flaming scarlet. The petals are long, narrow and twisted.

Britannia. Deep salmon flesh, a very pretty shade.

Brunhilde. Rich plum color. Very rich and deep shade.

Countess of Lonsdale. Lustrous salmon-pink. A very desirable variety for cutting. Flowers very freely.

Else. Buttercup yellow at the base gradually shading to amber, the edges of the petals finished with bright Tyrian rose; rivaling an orchid.

Flora. Pure white, large flower, beautiful form.

Floradora. Dark velvety crimson, fine form.

Gen. J. B. Seth. The color is brilliant scarlet with orange scarlet shadings. This variety is a glow of color from early in the season until frost.

Golden Gate. A unique and charming variety of the true Cactus type. The color is pure golden yellow shading to old gold.

Kriemhilde. The color is a delicate shell-pink.

The broad center petals are white, forming a beautiful rosette of that color above the pink.

Mrs. Clinton. Deep amber gradually shading to rosy scarlet.

Mrs. F. Grinstead. A deep rich crimson, lightly shaded with purple; finely incurved.

Mrs. Geo. Stephenson. Color a bright sparkling yellow, clear and lustrous, deep and satisfying; glistening in the sunlight. A grand sort for cutting.

Mrs. H. J. Jones. Rich salmon-red, the tips of the petals a pure glistening white. Very fine large flowers occasionally come self-colored.

Pink Pearl. A pleasing shade of rose-pink, the tips being nearly white. Always full to the center.

Prince of Yellows. A rich canary-yellow; broad petals, tips fringed.

Rev. T. W. Jamison. The color is a pleasing bright mauve-pink, illuminated with salmon at the base of the petals. Very symmetrical flowers on strong stems.

Standard Bearer. A bright scarlet, clear and intense.

Thomas Parkin. Light terra-cotta, uniform throughout the flower. The petals are splendidly incurved.

Thuringia. Brilliant fiery red at all times, splendid form.

Volker. Clear, lemon-yellow. The best in its color.

Winsome. The flowers are large, of beautiful cactus form with twisted incurved petals giving great depth to the flower.

Price (except where noted), 20c. each, \$2.00 per doz. Complete set of 22 Cactus Dahlias for \$3.50. Field grown roots. If wanted by Parcel Post add Postage at Zone Rates. Packed weight, $\frac{1}{2}$ lb. each, 6 lbs. per doz.

Cactus Dahlia Sequoia

A beautiful variety with long tubular petals cleft at the tips, of a deep saffron-yellow suffused with red; a splendid autumn tint. It is a profuse bloomer of strong upright habit. Flowers of good size held on long stiff stems well above the foliage. (See engraving.) Price, field grown roots, 40c. each, \$4.00 per doz. If wanted by Parcel Post add Postage at Zone Rates. Packed weight, $\frac{1}{2}$ lb. each.

"Dahlia Culture," by Chas. Henderson, an eight-page pamphlet free on request with order.





DECORATIVE DAHLIA, MRS. J. GARDNER CASSATT

An exquisite new Dahlia that because of its fine color and elegant form may well be considered one of the best of its type. The flowers are large and of a very pleasing shade of mauve-pink. A strong grower, it produces an abundance of bloom on stout stems well above the foliage. A valuable addition to any collection. Price, field-grown roots, 50c. each; \$5.00 per doz. If wanted by Parcel Post add Postage at Zone Rates. Packed weight, ½ lb. each.

GIANT FANCY DECORATIVE DAHLIA LE GRAND MANITOU

This is without doubt the best variegated Dahlia of the "Decorative" type. The flowers are from 5 to 6 inches across. The ground color is white, prettily marbled, veined, striped and blotched with reddish-violet in beautiful and indescribable variegation. Occasionally this variety runs a solid color, as is the case with most variegated Dahlias, when it is a most beautiful shade of reddish-violet. It blooms profusely, has long stems and so is specially valuable for cutting. (See engraving.) Price, field-grown roots, 50c. each; \$5.00 per doz. If wanted by Parcel Post add Postage at Zone Rates. Packed weight, ½ lb. each.

PAEONY-FLOWERED DAHLIAS

This very interesting type adds zest to the wide-spread interest in this useful flower. The flowers of this type are very large, averaging eight inches across when well grown. The petals are broad and ribbon-like, the center shows, adding an artistic charm, closely resembling the semi-double Paeonies in appearance. They bloom profusely, have long stems and so are specially fitted for cut flower decoration in addition to their value for garden use. Germania. The color is an extremely soft rich strawberry red. The flower is large and graceful with full loose petals. Glory of Baarn. A very peculiar shade of light rose, softened with pinkish shadings. Very large and gracefully disposed flowers.

Hampton Court. One of the best yet introduced. A bold flower of good form; of a bright mauve-pink. Price, field-grown roots, 50c. each; \$5.00 per doz.

Hon. R. L. Borden. A large Paeony-flowered Dahlia of beautiful form and splendid size. Its graceful, rich golden-bronze flowers stand well above the foliage on long stiff stems. A strong branching grower and profuse bloomer, fine for cutting.

Princess Juliana. This Paeony-Decorative Dahlia is of special merit; it is pure white, perfect flowers, dark green foliage, long, strong stems. A robust grower. It is a variety that will be grown by every lover of the Dahlias. Price, field-grown roots, 50c. each; \$5.00 per doz.

Prairie Fire. Flowers of fair size, vivid flame scarlet and held on long stiff stems, well above the plant, rendering it extremely graceful and decorative. Princess Victoria Louise. This is sometimes classed as a "Decorative," but it is really one of the Paeony-flowered type. Color a beautiful deep rose-pink.

Queen Wilhelmina. A pure white variety and in this the golden yellow center shows to unusual and distinct advantage. A splendid contrast to the other sorts. Selma. (Anemone Paeony.) A splendid exhibition flower of very large size and fine form; long petals turning back toward stem. Color a soft, rosy-pink. Price, field-grown roots, 50c. each; \$5.00 per doz.

Zeppelin. Entirely distinct; a pleasing soft shade of lavender mauve; flowers of medium size, of good form. Early bloomer. Price, field-grown roots, 50c. each. Price, except where noted, field-grown roots, 25c. each, set of 10 sorts for \$3.00. If wanted by Parcel Post add Postage at Zone Rates. Packed weight, ½ lb. each, 6 lbs. per doz.

"DECORATIVE" DAHLIAS

The "Decorative" Dahlias have very large gracefully formed flowers with broad petals. Invaluable for cut flowers.

Baron Schroeder. This is a rich, glowing crimson-purple.

Beloit. The color is rich purplish-garnet, shading deeper toward the center. Price, field grown roots, 30c. each; \$3.00 per doz.

Black Beauty. A grand, dark maroon of distinct form.

Catherine Duer. A very bright, iridescent scarlet-crimson, possibly the best in its color. Large flowers on strong stems.

Delice. A large Dahlia of beautiful form and splendid size. It is an exquisite glowing rose pink, a soft yet brilliant color. Price, field-grown roots, 25c. each; \$2.50 per doz.

Fire Rain. A dazzling shade of cardinal red; very free.

Flamingo. A beautiful new variety of the "Decorative" type. Plant of splendid habit and very free flowering. Color a rich and glowing rose pink. The flowers are held well above the foliage on stiff stems. A variety that should become very popular. Price, field-grown roots, 30c. each; \$3.00 per doz.

Henry Patrick. A pure white, large flowers on long stems.

John Elitch. Deep, rich red, a magnificent flower.

Jack Rose. A brilliant crimson-red with fiery tones in the center of the flower, the whole overlaid with a soft violet-maroon.

Lyndhurst. Intensely rich and vivid scarlet. Fine for cut flowers.

Mme. Van Den Dael. The coloring is exquisite, a soft shell-pink with deep pink shadings towards the margins; the center being lighter in shade. The petals are broad.

Mrs. C. W. Bassett. Color, a unique shade of lavender-rose lightening to white at the base of the petals. Price, field-grown roots, 35c. each; \$3.50 per doz.

Mrs. Hartong. Rich golden bronze; distinct and beautiful.

Orange King. Very rich, glowing orange-scarlet.

Perle de Lyon. Not only the most valuable white Decorative Dahlia, but the best white of any class for cut flower purposes; its flowers are of good size, and held erect on wiry stems.

Queen Mary. The flowers are a beautiful rosy-pink with broad petals of splendid substance.

Sebastopol. The flowers are bright orange, of splendid substance, keep remarkably on the plant and as cut flowers they are unsurpassed.

Sylvia. White shading to soft pink on the outer petals. Splendid substance, giving it an unsurpassed keeping quality.

Tricolor. It at once creates a favorable impression because of its distinct and beautiful combination of colors. The ground color is buttercup yellow, with a blotch of scarlet on each petal, and as the flower matures the end of each petal becomes suffused with rosy-white, forming a pretty tricolor combination. Price, 30c. each; \$3.00 per doz.

Wm. Agnew. The grandest red Decorative Dahlia, large and fine. Yellow le Colosse. Color a bright yellow, flowers exceptionally large, perfect form, with full high center.

Price, field-grown roots, except where noted, 20c. each; \$2.00 per doz.; set of 22 "Decorative" Dahlias above for \$4.00. If

wanted by Parcel Post add Postage at Zone Rates. Packed weight, ½ lb. each, 6 lbs. per doz.



The Satisfaction Collection of Five Splendid Dahlias

SHOWN IN THE ENGRAVING ON THE OPPOSITE PAGE

This collection contains five beautiful and interesting Dahlias selected from our large collection because of their large flowers, fine form and contrasting colors, as combining the best qualities for general culture. They bloom freely, have long stems and so are equally valuable for cut flowers or garden decoration.

No. 1 DECORATIVE PAHLIA GOLDEN WEST

This might well be called the Chrysanthemum Flowered Dahlia as in form it resembles the finest Chrysanthemums. The color is a pleasing bright clear canary yellow. The flowers are from 5 to 6 inches in diameter, very double and never show the center. Price, field grown roots, 40c. each, \$4.00 per doz.

No. 2 DECORATIVE PAHLIA SOUVENIR de GUSTAVE DOUZON

A truly wonderful variety, a giant in size, some flowers reaching ten inches across. The color is an intense shade of orange-red with rich crimson shadings. It is a broad-petaled "Decorative" and of splendid form. The profusion of bloom is remarkable for such a large variety. It has created a sensation in the Dahlia world. Price, field grown roots, 25c. each, \$2.50 per doz.

No. 3 CACTUS DAHLIA LAWINE

A charming variety of the popular "Cactus" type. The color is pure white with just a suggestion of blush as the flower matures. A fine large full flower. It is one of the freest blooming sorts, plants of compact, free branching habit. Price, field grown roots, 25c. each, \$2.50 per doz.

No. 4 PÆONY FLOWERED DAHLIA MRS. CHARLES L. SEYBOLD

A distinct variety in this interesting type and a great acquisition. It is deep rose-pink edged with white, very attractive. It blooms most abundantly and continuously, has long stems and is splendid for cut flowers. The habit of the plant is free and branching, with heavy dark green glossy leaves, showing its great vigor and hardy constitution. With its wealth of flowers this variety stands out amongst hundreds. Price, field grown roots, 25c. each, \$2.50 per doz.

No. 5 CACTUS DAHLIA RENE CAYEAUX

One of the best free blooming Cactus Dahlias. Begins to flower early and continues in such profusion that at times the foliage is almost hidden with flowers. The flowers are quite large, of a warm geranium red shaded crimson, long, wiry stems hold the flowers well above the foliage; a splendid variety for cutting, very brilliant in artificial light. The petals are long, the outer ones pointed at the ends. The plant is a strong symmetrical grower. It makes a fine show in the garden when in bloom. Price, field grown roots, 40c. each, \$4.00 per doz.

Special Offer—"The Satisfaction" Collection of Five Splendid Dahlias, Field Grown Roots, \$1.50

Dwarf Double Pompone Dahlias

This type produces globular flowers in great profusion on rather dwarf plants. The flowers are very useful for summer bouquets, about 2 inches across, pretty and not obtrusive.

Alewine. Flesh, edged lavender pink.

Allie Mourey. Pinkish-white, tipped deep pink. Always in flower, fine for cutting.

Crimson Queen. Flowers of perfect form. Color a deep, rich crimson; full and very double.

Daybreak. The color is a beautiful, soft, rosy pink, shaded blush.

Indian Chief. A very rich shade of reddish crimson. Stems are long, stiff and wiry.

Little Beauty. Delicate shrimp pink, an early and profuse bloomer.

Little May. Bright lemon yellow; a beautiful sort.

Little Helen. White, suffused with blush; very pretty.

Little Herman. Deep lustrous red petals tipped white.

Snowclad. The best of white Pompones.

Completely covered with a mass of flowers.

Price, field-grown roots, 25c. each; \$2.50 per doz.; set of 10 for \$2.00.

Clematis-Flowered Dahlias

Distinguished for their large Clematis-like flowers, 6 to 8 inches across. The coloring is very intense and showy. They make noble plants, about 5 ft. high. (See engraving.)

Alba Superba. Large pure white flowers, borne on large stems.

Ami Barillet. Scarlet-crimson flowers, bronze foliage. A fine variety for massing in beds or borders. Very ornamental. The flowers are not as large as those following.

Fringed 20th Century. The color is intense rosy crimson, with white tips and white disc around the yellow center. We offer the new fringed type.

Big Chief. Brilliant cherry red, margined with rich velvety maroon.

White "Century." Beautiful snow-white. A vigorous grower and profuse bloomer.

Scarlet "Century." The brightest dazzling scarlet, without shade or blemish. The flowers are of fine, round form and finish. A profuse bloomer.

Sensation. Vivid vermillion heavily striped with white. A new variety and very striking.

St. George. A pretty pure yellow. It is a very free bloomer and fine for cutting. Very showy in the garden.

Setting Sun. The color is a bright fiery crimson shading to orange scarlet at the tips of the petals with a rich velvety sheen over all.

Price for the above, field-grown roots, 25c. each, \$2.50 per doz. Set of 9 Clematis-flowered Dahlias for \$2.00.

"Collarette" Dahlias

Maurice Rivoire. Rich, dark maroon, very deep in the center of the petals. Pure white "collar." A large, broad-petaled variety of splendid appearance.

Prince Galitzin. Rich crimson, collarette tipped with red. A very showy variety and quite distinct.

Price, for the above, 25c. each. (Field-grown roots.)

IMPROVED LARGE DOUBLE OR "Show Dahlias"

A. D. Livoni. Beautiful soft lustrous pink. Grand flowers. A fine variety for cut flowers.

Chas. Lanier. Deep yellowish amber, buff shadings.

Client. Deep velvety maroon. Flowers large and full.

Dorothy Peacock. A beautiful, soft pink shading slightly darker on the outer petals, as the flower expands. Strong vigorous grower, without any indication of weakness or disease, each plant being sturdy and vigorous. The leaves are very heavy with great texture and glossy finish, withstanding all kinds of adverse conditions.

Electric. Soft rosy magenta, large flower. Very striking.

Ethel Maule. Pure white, slightly tinged pale lavender in the center.

Grand Duke Alexis. Color pure soft white, the tips of the petals edged and suffused with delicate pink. The finest of the type. A general favorite.

Gloire de Lyon. Pure white, fine large flower.

John Walker. A beautiful pure white variety; form round and full with high center. Magnificent. Dwarf, large, pure yellow. Queen of Yellows. A beautiful profuse, clear yellow.

Storm King. A grand, snow white Dahlia, blooms early and constantly, long stems. Souv. de Mme. Moreau. Deep pink, splendid form.

Triomphe de Solferino. Deep solferino. Wm. Pierce. A delicate tint of shell pink.

Price, field-grown roots, 25c. each, \$2.50 per doz., set of 15 for \$3.00.

"Fancy" Dahlias

Arabella. Pale primrose, tipped old rose and lavender.

Frank Smith. Intense purplish-black maroon, tipped white. Probably the most effective of all the variegated Dahlias. Occasionally this variety comes a solid color, as is the case in most variegated Dahlias, when it is a dark maroon.

Jeanne Charmet. A magnificent variety of the broad-petaled "decorative" type; a giant in size. The color is a soft silvery-pink deepening to a rosy-pink on the edges of the petals, the latter shade being more pronounced at times. The center is soft, creamy-white, showing more distinct as the flower ages. The habit is splendid, long stems and fine foliage.

Madama A. Lumiere. It is indeed a beautiful sort, a soft creamy white with distinct violet-crimson on the tips of the petals. The latter color extends downwards, lessening towards the center, producing a charming effect. It is a "decorative" variety, of medium size.

Professor Mansfield. Flowers on the crown bud run from seven to eight inches across; sturdy grower with long stout stems. The color is rich yellow, clear white tips and rosy-red towards the center. Early in the season and in light soils the red will also appear on the margin of the petals; occasionally the white is absent from some flowers on a plant. Price, field-grown roots, 35c. each, \$3.50 per doz.

Zebra. Pearl white, edged deep pink. Price (except where noted), field-grown roots, 25c. each, \$2.50 per doz., set of 6 "Fancy" Dahlias for \$1.50.



If wanted by Parcel Post, Postage at the Zone Rates must be added { Average packed weight ½ lb. each. 6 lbs. per doz.



THE SATISFACTION COLLECTION
of Five Splendid Dahlias
Price \$1.50

Henderson's Selected List of IMPLEMENTS AND TOOLS, ETC. ANNOUNCEMENT

As we describe and illustrate in this catalogue a full list of Implements, Tool and Requisites for the Garden, Lawn and Farm we have discontinued publishing a separate Implement catalogue. This is our only list.

(NOTE:—THAT PRICES ARE SUBJECT TO CHANGE WITHOUT NOTICE.)

The Henderson Self-Adjusting Ball-Bearing Lawn Mower THE KING OF LAWN MOWERS

LIGHT RUNNING NOISELESS DURABLE SELF-ADJUSTING DRAW CUT ALWAYS SHARP
DOES NOT PULL THE GRASS LEAVES THE LAWN SMOOTH AND FREE FROM CORRUGATION

THE HENDERSON BALL-BEARING MOWER has high drive wheels, large, open non-clogging cylinder. The spiral of the knives is correctly proportioned to give a continuous cut, leaving the lawn as smooth as if shaved entirely free from the corrugated surface left by other Mowers. The handles are braced and reinforced to prevent twisting and breaking when one side of the Mower is held off the ground, and besides the handle is equipped with improved "grips" which keeps the hands in a natural position, gives more power, and is less tiresome than a continued grasp, with wrists twisted, on a horizontal grip.

THE HENDERSON BALL-BEARING LAWN MOWER is made without regard to cost—to be the best, most durable, and the easiest-working Mower on the market, and while the prices are necessarily a little higher than those of Mowers simply made to sell, yet in the end our Mower will prove much cheaper, aside from annoying delays and repairs experienced with cheap Mowers. It is superior to all other Mowers in the following respects: The axles of the revolving cutter, like the axles of a bicycle, work in self-adjusting "ball-bearing" journal boxes or cups, which reduces the friction enormously. The Mower is also built scientifically correct in other respects. The "draw-cut" principle corrects the defect in "push cut" Lawn Mowers, and completely reverses the old way of cutting the grass. The grass is drawn across the sharp edge of the Stationary Knife, which is the cutting knife, and is severed most easily, causing the mower to operate much more easily. It also prevents the mower from "bobbing up" in the rear, thus insuring an even cut. The heavier the grass, the closer the mower elings to the turf. It makes the mower self-sharpening; the drawing of the wiper blades across the edge of the stationary knife keeps it always sharp and prevents gouging. Where the "push cut" style of mower requires "sharpening" a dozen times, the Henderson Ball-Bearing "drawcut" mower will not need it once. It is a strictly high class Mower, made from the highest quality of iron and steel. The castings are lathe-turned and bored, and the journals machine-trimmed, which insures trueness in fitting and smoothness in working, with no irregularities to wear off and leave rattle and play. We have so simplified the adjustments in our new Ball-Bearing Mower that even those ignorant of mechanics will have no trouble in always keeping our Mower in fine cutting order for years and the lawn in uninjured condition.

PRICES FOR THE HENDERSON BALL-BEARING LAWN MOWERS.

(Strictly net; no charges for packing or cartage.)

	Five-Bladed.	Eight-Bladed.	Grass Catcher.
16-inch cut...	\$12.00	\$14.00	Extra, \$3.00
18-inch cut...	13.00	16.00	Extra, 3.25
21-inch cut...	14.00	18.00	Extra, 3.50

Note.—We can supply these mowers either with five or eight blades, but always send the five-bladed mower unless otherwise ordered. The eight-bladed mower cuts finer, can be set to mow close to ground, and is extensively used on putting-greens, but it runs a little harder than the five-bladed mower.

GRASS CATCHERS for the Henderson "Ball-Bearing" Lawn Mowers of superior heavy duck; bottom of galvanized iron that will not sag or drag on the ground when filled; they are quickly attached, removed or dumped. (For prices, see above.)

THE HENDERSON

Side-Wheel Ball-Bearing "Putting-Green" Mower

Eight-bladed—Close, Smooth Cutting—Easy Running

For "Putting-Greens" the Henderson 8-bladed Ball-Bearing Lawn Mower is Superior to any "Side-Wheel" Mower Made

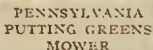
We offer this mower to Golf Clubs as the very best side-wheel mower ever devised for smooth, close work on putting-greens. It has an eight-bladed revolving cutter working in ball-bearings and speeded high, thus leaving the cut surface of the "green" absolutely free from corrugations, and almost as smooth as a billiard table. The knives can be set so low that they will fairly shave the ground if desired; though on a level, well-rolled green, with close, fine turf, a quarter to a half-inch clip leaves the surface in the nicest condition for putting. A well-known instructor and greenkeeper says: "It is the best mower for putting-greens that I have ever seen either in this country or in Scotland. It cuts the turf so short and even that it is like putting on a carpet."

Henderson's "Putting-Green" Mower is a thoroughly high-grade machine, carefully built of finest material, the knives especially being of finest steel. It runs easy, considering the number of knives and fine cut. Guaranteed satisfactory.

Prices (Strictly net; no charge for packing or cartage.)

16-inch cut.....	\$14.00	Grass Catcher (extra).....	\$3.00
18- " "	16.00	" " "	3.25
21- " "	18.00	" " "	3.50

NOTE THAT PRICES ARE SUBJECT TO CHANGE WITHOUT NOTICE



This mower is unexcelled for cutting undulating or wavy greens, also Tennis Courts, Cricket Creases and Other Lawns requiring an exceptionally close and smooth cut. It can also be used as a border trimmer for the ordinary lawn. It is a thoroughly high grade machine carefully built of the very best materials. (See engraving.)

Blades. There are six crucible tool steel, oil hardened and water tempered blades.

Gears. The gears are triple, insuring power and speed.

Rollers. Cast iron. 7 inches diameter.

Bottom Knife. Improved curved pattern, tempered, crucible tool steel. Bolted rigidly to the frame, making the adjustment entirely with the Cylinder.

Height of Cut. 3-16 to 1 1-4 inch.

Journal Boxes or Cylinder Bearings. Self-aligning, insuring a perfect cutting edge the entire length of the blades.

Handle. Hard wood. Iron braces on cross bar. 7-inch rollers. 5-inch, six blade cylinder.

Prices (Strictly net; no charges for cartage or packing.)

10 inch cut.....	\$20.00 with Grass Box.....	\$23.75
12 " " " " " "	24.00 " " " "	28.00
14 " " " " " "	28.00 " " " "	32.25
16 " " " " " "	32.00 " " " "	36.50
18 " " " " " "	36.00 " " " "	40.50

A photograph of a small, ornate, light-colored toy carriage or sled with a dark, patterned interior. The carriage has a curved front and a small wheel visible on the right side. It is positioned next to a dark, rectangular object, possibly a box or a piece of furniture.

TOWNSEND'S GOLF WONDER MOWER WITH
GRASS CATCHER AND DEFLECTOR

A "Roller" mower, especially designed to mow "greens" close and evenly. It is considered by green keepers who have used it as one of the best of the roller mowers for the purpose.

It may be set to cut so close that the green is virtually shaven or may be set to cut at any desired height, leaving the surface as smooth as a billiard table.

Prieses (Strictly net; no charge for packing or cartage.)

16-inch cut.....	\$27.00
18- " "	30.00
20- " "	33.00

Grass Catcher, with fan elevator, etc., complete for any size mower, \$4.50 extra.



HENDERSON'S BORDER MOWER

Especially designed to cut the grass on borders—the narrow strips of sod sometimes only a few inches wide—between flower beds and walks where a side-wheel mower would have one wheel down in the gutter, and in consequence the mower would cut into the sod. In our Border Mower a large light cylinder extends the full width of the mower and keeps the machine level with the surface and does perfect work. This machine is also unsurpassed for regular lawn work. It is very light running, and will give thorough satisfaction.

Prices (Strictly net; no charge for boxing or cartage.)

10-inch cut.....	\$12.50	16-inch cut.....	\$17.00
12- " ".....	14.00	18- " ".....	18.50
14- " ".....	15.50	No Catcher supplied for this Mower.	

An old reliable lawn mower for those preferring a roller mower which, of course, has some advantages over side-wheel mowers, as in mowing new lawns where the ground is still soft and impressionable, cutting narrow borders where a side-wheel machine will run off the edge, rolling down worm casts, ant hills, etc., but to offset these merits, roller mowers do push a little harder. Excelsior Roller Mowers are durably made with best crucible steel knives and the adjustments are simple and with the 4-bladed revolving cutter is adapted for all lawn cutting. The 6-bladed cutter is for extra fine work and for golf courses, tennis courts, etc., but runs harder.

Prices (Strictly net; no charge for cartage or packing.)

12-inch cut with 4-bladed cutter...	\$18.00
14- " " " " "	20.00
16- " " " " "	22.00
18- " " " " "	24.00

If 6-bladed cutter is desired, include \$2.00 extra, any size; Grass Catcher and Deflector \$3.00 extra, any size.



"RUNAWAY"
High-Wheel Mower.
The best low-priced
Lawn Mower made.

"Runaway" High-wheel Lawn Mower

A first class high-wheel lawn mower at a popular price; the four revolving knives give a continuous cut; made of best materials, easy running and fully warranted.

Prices (Strictly net; no charge for boxing or cartage.)	
12-inch cut.....	\$7.00
14- " ".....	7.50
16- " ".....	8.00
18- " ".....	8.50
20- " ".....	9.00

Metal Bottom Grass Catcher, for any size "Run-away" Mower (extra).....	1.75
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This all-steel, Style A, Philadelphia mower is about the last word in lawn mower construction. The frame, being made of steel in place of cast iron, is much lighter, stronger and not liable to break any place. The drive wheels, 10 inches in diameter, give great traction power and spin the 4-bladed 6½-inch revolving cutter with great speed, thus leaving a smoothly cut surface. The train of three gears keeps the cutters down to their work and prevents "bobbing up" in high grass. It is a light-running mower, very durable; being made of strictly first-class material, and it leaves the surface of the lawn smooth as velvet.

Prices (*Strictly net; no charge for cartage or packing.*)

15-inch cut, \$18.50; Grass Catcher extra, \$2.25.
17-inch cut, \$21.00; Grass Catcher
extra, \$2.50.
19-inch cut, \$23.50; Grass Catcher
extra, \$2.00.
21-inch cut, \$26.00; Grass Catcher
extra, \$3.00.



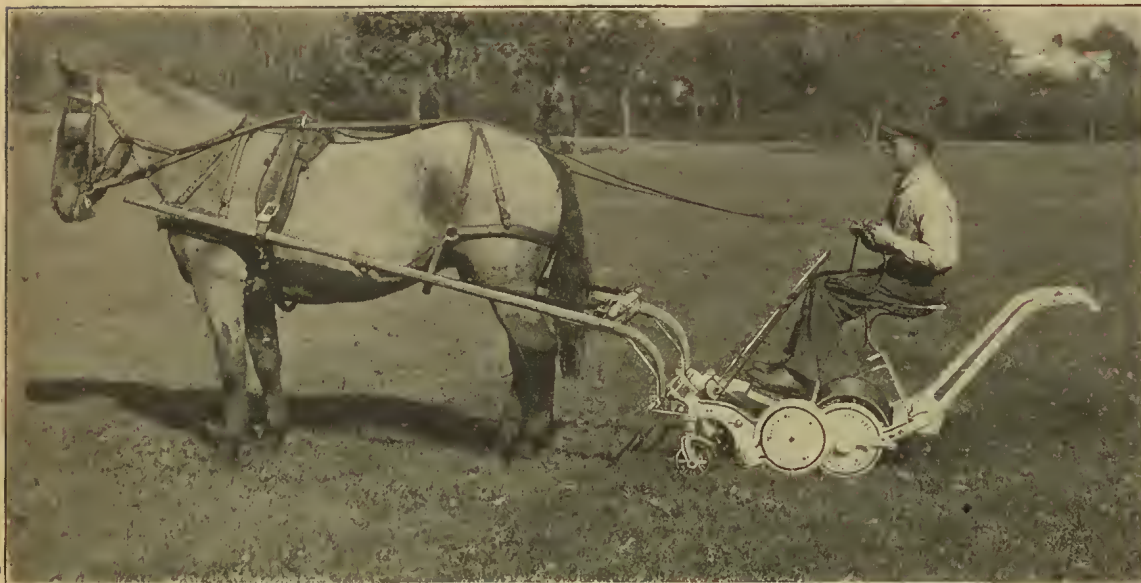
PHILADELPHIA "ALL STEEL" LAWN MOWER



NEW EXCELSIOR ROLLER MOWER

THE NEW IMPROVED HENDERSON

Horse Lawn Mower and Roller Combined



For Large Lawns,
Golf Courses,
Cemeteries,
Parks, etc.

The latest and
best.

Knives can be
raised or lowered
instantly.

Side draft rod attaches
to the left side of mower
and keeps horse off un-
cut grass.

Henderson's Improved Horse Boots

Prevent horses' hoofs
from cutting into soft
lawns. Made of superior
leather with improved
double thick riveted soles
and strap around the
hoof. In ordering send
outline of hoof.

Per set of four, \$15.00.



The New Improved Henderson Horse Lawn Mower

We consider this to be the best horse power Lawn Mower on the market. It is simple in construction and very durable, the best steel and iron being used in its manufacture, and it is finished in the most perfect manner.

A lever beside the driver enables him to cut grass any height, high or low from the ground and to easily and quickly raise the blades over stones or other obstruction without stopping the horse or leaving his seat. A slight movement of a small lever throws the mower in or out of gear without stopping. The side draft rod is attached to the left side of the mower keeping the horse on the cut grass, and preventing the trampling down of the grass which is to be cut. The revolving knives, five in number, are "high speeded," making a continuous cut and leaving the surface of the lawn as smooth as velvet. The rollers, three in number, 15 inches in diameter, with triple pawls in each roll make the most powerful and instantaneous drawing mechanism ever put in a lawn mower. This feature maintains the motion of the blades even when turning sharp corners, a great advantage over other double roll mowers whose knives have no motion when turning corners. The self-aligning journal boxes are a very valuable improvement and prevent cramping of the journals, a very common and dangerous fault in many horse mowers. The foot rest is spacious and prevents cramping of limbs and accidents through the feet slipping into the revolving cutters.

These mowers will weigh, including shafts and driver, 600 to 700 pounds, thereby rolling the lawn at the same time it is cutting; or the cutter may be thrown out of gear, and the machine used for rolling alone.

Prices for the New Improved Henderson Horse Lawn Mower and Roller combined, complete with Tool Box, Seat, Shafts, and side Draft Attachment:

30-inch cut, net weight 485 lbs., packed weight 625 lbs.....	\$95.00
35-inch cut, net weight 505 lbs., packed weight 665 lbs.....	110.00
40-inch cut, net weight 520 lbs., packed weight 695 lbs.....	125.00

Townsend's "Triplex" Horse Lawn Mower

For large lawns, parks, golf courses, etc., it is a boon, cutting a swath over seven feet (86 inches) wide; doing the work of two motor mowers at an eighth of the expense. The series of three mowers adapt themselves to uneven surface, mowing over ridges and through hollows as well as level ground. Simple, durable and light running. Easily drawn by one horse—all day long—and operated by any man capable of driving.

With the Triplex Mower one man and one horse will cut more grass in a day than three men and three horses with three ordinary lawn mowers, and will cut as much grass as any two motor mowers, cut it better—without crushing the life out of soft turf—and at a small fraction of the cost.

The Triplex consists of three lawn mowers yoked together, two abreast, and one following in the center, lapping each front mower, thus cutting a clear swath eighty-six inches wide. As the three mowers work independently of each other, and are so connected from their centers to the main frame that they can swivel, rise and fall, they therefore adapt themselves to the contour of the ground—floating over ridges and down hollows—mowing the grass as perfectly as on the level, and better than is possible with a long straight-edged bottom knife mower of any kind.

On rolling ground the Triplex Mower shows its qualities to perfection, holding to a side hill where a motor mower will slide sideways. It is of extremely light draught, due partly to ball bearings and partly to the excellence of design, material and workmanship.

Three levers at the driver's right enable him to lift any one or all of the cutting apparatus from the ground to avoid obstructions, or in going to and from the field. A small knob in the center of each wheel operates the clutch throwing the machines in and out of gear.

The mower is provided with a spring seat, ample foot rest, shafts, iron tool box with tools and oil can. Net weight, 600 lbs.

The mowers are packed singly in crates, the frame work is shipped assembled. It is only the work of ten minutes to assemble the machines and attach the shafts. Price, \$275.00 net, F. O. B. New York.



TOWNSEND'S "TRIPLEX" HORSE LAWN MOWER

The "Everwear" Lawn and Walk Sweeper

A large carpet sweeper-like machine, fitted with a revolving reel, 12 inches in diameter, composed of a series of eight Palmetto fibre brushes—the toughest and most durable fibre known and absolutely unaffected by water. All cut grass, leaves, litter, twigs, small stones, etc., are swept into the collecting box, which is dumped by simply pulling the chain. The machine can be adjusted for close or light sweeping adapting it for lawns, tennis courts, putting greens, etc., as well as walks and stable floors. The brush reels automatically take up the wear of the fibre brushes. The drive wheels are 15 inches in diameter, giving a powerful spin to the reel and pushing as easily as a lawn mower and reduces the labor of hours to a few minutes. Lawns swept with these sweepers have a bright, clean velvet-like appearance. Price, 24-inch Lawn Sweeper, \$14.00; 28-inch Sweeper, \$15.00.

Rubber Tires, extra, \$2.00 per pair.



Universal Lawn Trimmer

The latest and best machine for trimming grass close up to the fence or wall, thus reducing hand work with shears to a minimum. It will also be found handy for trimming up around trees, under bushes, etc. It cuts 6 inches in width. Price, \$6.50.

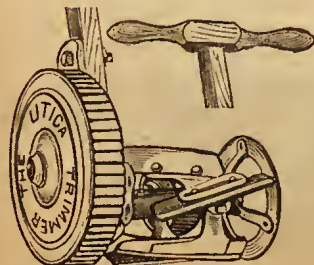
HENDERSON'S

"Champion" Sod Cutter

A horse-power machine for cutting sod in long strips; an important and valuable implement for golf grounds, parks and other places which have much sod laying or repairing to do. It cuts the sod of uniform width and thickness, in any length, so that it is particularly adapted to giving solidity to slopes in cuts and on embankments, working equally well on level or uneven surface, cutting both ways with the land, and leaving no sod uncut, being light of draft, easily managed, strong, neat and durable. It is the best and cleanest, sod-cutting machine in America.

Has a Reversible Knife made of one piece of steel. While one side dulls, the opposite edge is getting sharpened; cannot get choked. An Adjustable Roller regulates the thickness of the sod from one-half inch to two inches; the front roller swings back under the guide-shoe and takes the weight when the machine is not cutting. The guide-shoe can be engaged to either side in a minute; no friction or injury to the grass. The knife can be cleaned without turning over the machine. One machine will cut from 30,000 to 40,000 square feet per day, doing the work of forty men; the expense saved between cutting by hand and with horse power in one day is enough to pay the price of our machine. Instructions for operating furnished with every machine. Price, \$28.00. Extra knives, \$5.50 each.

The Utica Lawn Trimmer



UTICA LAWN TRIMMER

A similar but lower priced machine than the Universal, and designed for the same purpose. It trims close up to the borders and edgings and is a great help in keeping lawn and grass plots trim.

Price, \$5.00.

Special Golf-Green Sweeper

This is a practical necessity for Putting Greens, Bowling Greens, Grass Tennis Courts, etc. It keeps the grass and turf in perfect playing condition. The machine is the same as the lawn sweeper described above, excepting that the revolving brush is composed of alternating tufts of palmetto fibre and spring steel wire—thus combining the brush and comb method of cleaning the turf clear to the roots and free from worm casts and ant hills as well as litter. Price, 28-inch Special Golf Green Sweeper, \$18.00. Rubber Tires, Extra \$2.00.



Planet Jr., Grass Edger

This little tool trims the turf around the edges of the flower beds, walks, roads, etc.; giving a finished appearance to the lawn. The revolving cutter does perfect work, either on a curved or straight border, edging accurately at just the correct angle and at the speed of a mile an hour, while the hoe cleans the bottom of walk. The hoe can be removed if desired. The small tooth is for cement and stone walks. Price, complete, \$8.00.

Henderson's Sod Perforator

An invaluable tool to aid in renovating bad spots in lawns, grass plots, putting greens, etc.

It is operated like a rammer, the lower surface being provided with spikes which puncture the sod, leaving small holes into which much of the seed or fertilizer drops when broadcasted, thus preventing its being blown or washed away.

The holes are filled with soil by the first rain, which covers the seed so it can germinate. Price, \$3.75.

The Pennsylvania Rotary Lawn Rake

This is virtually a revolving lawn comb, having flexible steel wire teeth which go between the blades of grass and comb out all dead grass, crab grass, leaves, sticks and other rubbish. It leaves the grass standing upright. The action of the three revolving rakes raises up the creeping crab grass and other low growing weeds so the lawn mower can cut them before going to seed, thus effectually ridding the lawn of annual weeds. It has a dumpable collecting box. Price, 24-inch machine, \$24.00; 36-inch machine, \$35.00.



THE PENNSYLVANIA ROTARY LAWN RAKE



"CHAMPION" SOD-CUTTER.

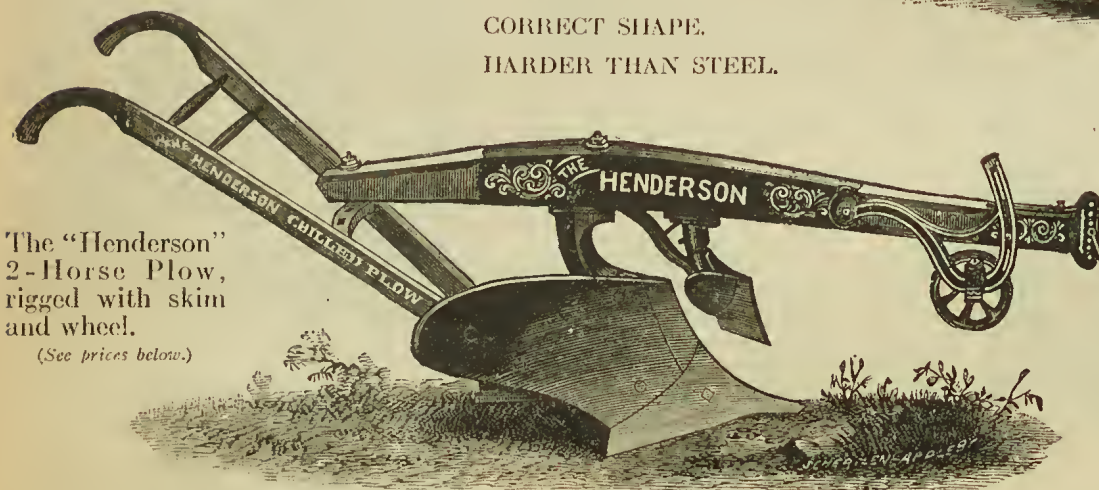


HENDERSON'S "CHAMPION" SOD CUTTER

The "Henderson" Chilled Plows

The "Henderson" 1-Horse Chilled Plow is without a peer as a garden and corn plow. (See prices below.)

LIGHTEST DRAFT.
RUNS STEADY.
CORRECT SHAPE.
HARDER THAN STEEL.



The "Henderson" 2-Horse Plow, rigged with skim and wheel.

(See prices below.)

THE "HENDERSON" CHILLED PLOWS

DO GRAND WORK IN ALL SOILS. SOD OR STUBBLE

The outlines and shape are exactly right to do perfect work with the least draft, and with the greatest ease to the plowman.

THE CHILLED MOLDBOARDS are harder than tempered steel. The effects of exposure to weather will be obliterated by turning a few feet of soil leaving the surface like glass; they will scour in any soil from sharp gravel to muck.

THE CUTTING EDGE, OR "SHIN PIECE," is separate from the mold-board (on all sizes larger than Medium One Horse), and can be taken off and ground sharp or be replaced by a new one at small cost, making an old plow as good as new.

THE LANDSIDE inclines at the bottom away from unplowed ground, thereby avoiding unnecessary friction and reducing the draft, besides cutting a furrow of such a shape that it falls by its own weight as soon as it passes a perpendicular position, thereby relieving the plow of that much pressure.

THE STANDARD is placed inside of the cutting line, and is of such a shape that it does not choke.

THE HEEL OF THE BEAM is adjustable on a slotted brace between the handles, so that the plow can be regulated to make a lapped, flat, small or large furrow. Thus a perfect center draft may always be maintained. It is also a desirable feature in one-horse plows, as it allows the horse to walk in the furrow when desired.

THE WHEEL can be swiveled to run in a direct line with the plow, no matter which way the beam is shifted; this makes the plow draw always perfectly true.

THE JOINTER OR SKIM turns under all weeds, manure, stubble and surface soil, making a miniature furrow over which the main furrow is thrown, so that it breaks over, cracking, opening, and thereby mellowing the soil by its better exposure to the air.

THE HENDERSON CHILLED PLOWS are honestly made of best materials, correctly shaped and balanced to do grand work. Easy on both team and plowman, and we are certain they are not surpassed by any other make.

No.	Sizes of the "Henderson" Chilled Plow	Price Plain	With Wheel	With Wheel and Jointer	Solid Share	Mold-board	Land-side	Standard
B	Medium, one horse.....Cuts a furrow 5 by 10 inches	\$11 50	\$12.25	.....	P.P. \$0.45 3 lb.	P.P. \$1.75 8 lb.	P.P. \$0.75 5 lb.	\$2.00
13	Full, one horse....." 5 1/2 " 11 "	13.50	14 50	.....	.50 5 lb.	2.50	1.25 10 lb.	2.75
23	Medium, two horse....." 7 " 13 "	17.50	19.00	\$22.50	.60 8 lb.	4.00	1.60	4.00
E	Full, two horse....." 8 " 14 "	19.50	21.00	24.75	.65 9 lb.	4.50	2.00	4.75

An extra Share goes with each plow. A Wrench free with each plow.

The Arlington One-Horse Swivel Plow

The Arlington Plow has become a favorite in many sections. They are made with Steel Shifting Lever with Clevis, also Patent Spring Foot Latch.

Moldboards are made of Patent Steel Metal, and all castings nicely polished. The Beam and Handles are made from Selected stock, neatly striped and varnished.

Their general neatness of appearance, light weight, and exceptionally good work in the field, whether on flat land or hillside, commend them to all desirous of handling a perfect plow.

Prices: No. 27, plain, \$13.50; with wheel, \$15.00; with wheel and cutter, \$17.50.

The Arlington One-Horse Swivel Plow



Prices of IMPLEMENTS, FERTILIZERS and INSECTICIDES are subject to change without notice

The "Henderson Perfect" Steel Plow

STEEL BEAM, STEEL LANDSIDE. Steel Mould, Guaranteed 5 Years, but will last a lifetime.



The "Henderson" Perfect Steel Plow

IS THE ACME OF PERFECTION,
EASILY HANDLED,
LIGHT DRAFT,
WILL LAST A LIFETIME,
SCOURS IN ALL SOILS.

THE "HENDERSON PERFECT" STEEL PLOW is made of genuine finely tempered steel, both mouldboard, shinpiece and landside; the beam is also of steel and will not bend nor break. The entire design of the plow is similar to the celebrated Scotch Plows, the mould being perfection in shape, turning the furrow clear over, and grass, weeds and manure entirely under; it scours like glass in all soils, and works beautifully either in light loam without body, or in heavy muck; it runs 25 per cent. easier than ordinary plows, being lighter for both man and team. It is adjustable in every way—the handles can be raised or lowered or shifted to the side; it can be quickly set to cut deep or shallow, wide or narrow, and runs so steadily that at times it is not necessary to touch the handles. The landside is fitted with an adjustable shoe, the temper in the mould is uniformly perfect—free from soft spots—the cutting edge or "shin-piece" can be taken off and sharpened. We usually supply these plows with a chilled carbonate share unless otherwise ordered. In mellow ground this plow does not require a jointer or coulter; in medium sod ground use a jointer which will turn the furrow well under. The mouldboard of this plow is guaranteed for 5 years—though with ordinary care it will last for many years more.

PRICE OF THE "HENDERSON PERFECT" STEEL PLOW

	Plain	With Wheel	With Wheel and Jointer
Regular Two-Horse Size (Number 25) cuts 5 to 8 inches deep by 10 to 15 inches wide.....	\$20.00	\$22.00	\$25.00

Chilled Carbonate Share, 75c. each

Knife Coulter supplied in place of Jointer if preferred. Rolling Coulter will cost \$4.50 extra. Steel Share if wanted will be \$3.75 extra.

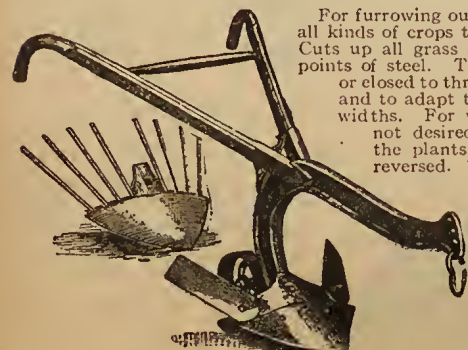
The "Boss" One-Horse Plow

The Plow for Gardeners and Truckers



The best One-Horse Turn Plow ever sold. It makes a beautiful furrow, turning everything under—weeds, grass, trash and all. We call attention to the fact that the purchaser actually gets four plows for the price of one, viz.: One complete plow, No. 2½ mouldboard and share, making a large one-horse plow. A No. 1½ mouldboard and share, making a medium-size one-horse plow. A cabbage mouldboard and share, making a complete cabbage plow, and by using the plow without mouldboard, with a small share bolted to standard, makes a superior plow for working among cabbage, strawberries, etc. Price, \$9.00 or with a splendid double mouldboard for furrowing, hilling, etc., \$12.00.

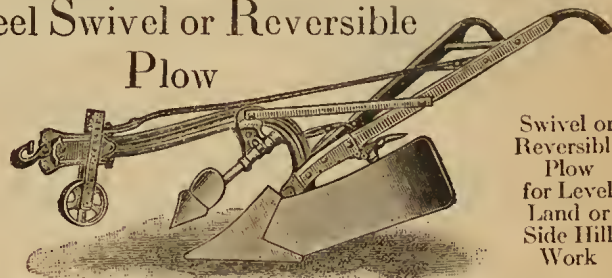
HENDERSON'S IMPROVED Winged Shovel Plow



For furrowing out, hilling and cultivating all kinds of crops that are planted in rows. Cuts up all grass and weeds. Wings and points of steel. The wings can be opened or closed to throw off more or less earth, and to adapt them to rows of different widths. For weeding, and when it is not desired to throw soil against the plants, the wings should be reversed. The soil then passes over the plow. The depth is regulated by the wheel and draft hook. Handles adjustable in height. Price, \$10.00, or with the Potato Digger Attachment, \$14.00. By the changing of one bolt it may be converted into a

first-class potato digger. The fingers are adjustable and removable.

Steel Swivel or Reversible Plow



Swivel or Reversible Plow for Level Land or Side Hill Work

This Steel Swivel Plow has a steel beam to give lightness with strength. The finest quality steel mouldboard and adjustable handles. It will do the grandest kind of plowing, whether in level, mellow land or on a rough hillside. It is of light draft and runs very steadily, being an exceptionally easy plow to manage. It has a side-shifting clevis which is operated by the lever extending to the cross bar in the handles, where it rests in notches at the will of the plowman. Clevis can be regulated while team is walking to a narrow or wide furrow. When the mouldboard is thrown under at the end of the row, a lock lever is so arranged that the jointer or coulter shifts and is held securely in position and always in direct line of cut. The mouldboard is thrown over by lifting the handles and pressing a foot latch with the toe. This foot latch is automatic and positive in action, and locks firmly.

Steel two-horse reversible plow, complete as shown, \$28.50.

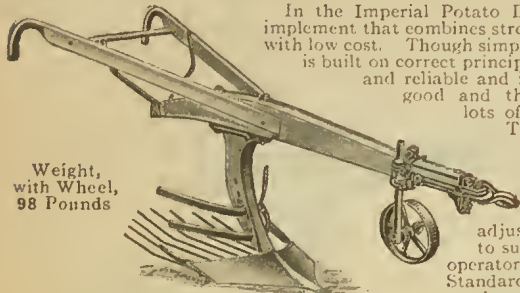
HENDERSON'S GOLD MEDAL Sub-soil Plow

By following the plow with a sub-soil plow the earth can be broken to a depth of from 15 to 20 inches, giving roots a wider range for food, and the plants are hardly affected by excessive drought or a wet season, as the deep soil absorbs all the rain like a sponge and gradually gives off moisture during dry hot weather. The "Gold Medal" involves new principles and accomplishes the work without throwing any sub-soil on top. Its merits are ease of penetration, light draft, superior pulverization of hard pan, perfection of the "mole track" effect. The one-horse plow will reach to a depth equal to the height of its standard—15 to 16 inches—and the two-horse plow to the depth of 20 inches. Prices for one-horse, with wheel and draft rod \$12.00; two-horses, \$16.00. Extra shares, 1 horse, 65c.; 2 horse, \$1.00.



Prices of IMPLEMENTS, FERTILIZERS and INSECTICIDES are subject to change without notice

Imperial Potato Digger



Weight,
with Wheel,
98 Pounds

In the Imperial Potato Digger we have an implement that combines strength and efficiency with low cost. Though simple in construction it is built on correct principles, is very durable and reliable and is capable of doing good and thorough work and lots of it.

The Beam and Handles are made of selected white oak, thoroughly seasoned. The Handles are adjustable up and down to suit the height of the operator. The Post or Standard is high allowing ample room for clearance of

trash. The Blade is made of steel and is broad with long nose. It is fitted with four Fenders, two on each side of the standard, which serve to clear away the vines. These Fenders can be adjusted to different positions. The Digger is fitted with eight round rods attached to the cross bar underneath the large blade. These rods, while held rigidly in position, are of such length and size that in passing through the earth they are in constant vibration. This movement brings all the potatoes to the surface, and at the same time does not injure them. Any farmer who has more than a small garden patch of potatoes can afford to own one of these diggers. It will harvest his crop quickly and well and save him much hard work.

Made in One Size Only

No. 205, Imperial Potato Digger, without wheel, weight 88 lbs. \$18.00
Wheel, complete, weight 10 lbs. 1.50

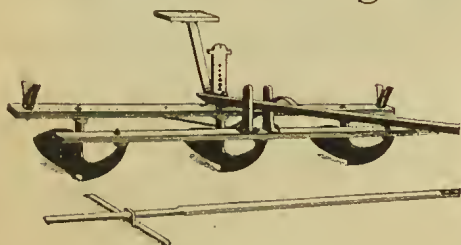
Double Mold Plow FOR RIDGING AND FURROWING



A one-horse plow used for making drills to plant potatoes, corn, etc.; for ditching, ridging, plowing out between rows; as it throws the earth both ways, doing the duty of two single mold plows. It is also good for digging potatoes.

Prices: No. 1 $\frac{1}{4}$, small size, \$8.50; No. 1 $\frac{1}{2}$, medium, \$9.50; No. 2, full size, \$10.50.

Improved Steel Wing Marker



For Potato and Corn Ground

The long runners make a very true and even mark, which cannot be thrown out by stiff sod or stones, a difficulty with markers having short teeth. It can be adjusted to width and depth, as desired. The wearing parts of the runners are chilled iron, the wings are steel bolted on and easily replaced when worn. The frame is oak.

Price, for two horses—three runners, gauge, pole and seat. \$19.50

Planet, Jr., Celery Hillers



DOUBLE
CELERY
HILLER.

Celery Hillers are now considered indispensable in celery growing. The leaf lifters are adjustable in height, and are especially valuable for first workings. With them some large

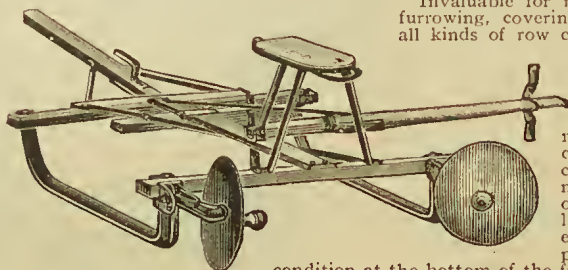
growers hill their celery without any handling. We can supply both single and double hillers, with lever expanders and leaf lifters. The Double Celery

Hiller is fitted with lever wheel. The hilling blades are 43 inches long, adjustable in width or height as wanted; the double machine works all rows up to four feet apart. Before hilling, the soil should be thoroughly loosened with a horse hoe.

The Single Celery Hiller runs lighter than the double, and throws rather higher; it works any width rows. Where market gardeners plant close, and first bleach every other row, it is "just the thing." It is also excellent help when burying the crop.

Prices, Double Celery Hiller, complete \$27.50
Single Celery Hiller, complete 20.00

Darnell's Marker, FURROWER AND COVERER

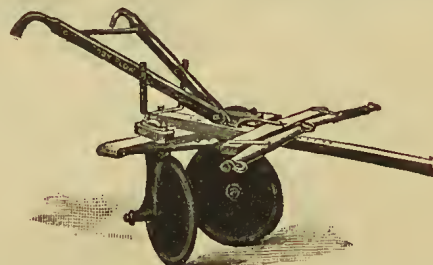


Invaluable for marking out, furrowing, covering or ridging all kinds of row crops, in any

kind of soil; the revolving discs, 14 inches in diameter, make a clean cut, are not choked by manure, trash or clods, and leave the earth in a pulverized

condition at the bottom of the furrow. It is adjustable in every way, depth of furrows, distance apart, broad or narrow furrows, etc. It opens two furrows at once, or it will make one double furrow or ridge up both sides of a row at one operation; it covers evenly at any depth, it runs steadily, will not slide on a side hill, and is strong, light, durable and invaluable to every farmer and truck gardener. Price, \$25.00.

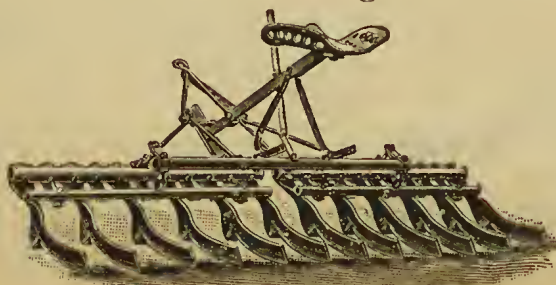
Eddy Potato Coverer and Hiller



Adapted for covering and hilling all rowed crops as fast as a team can walk. It will not only cover the seed, but hill up both sides of the row at one operation, throwing up much or little earth as desired, according to the angles at which the disks are set. The disks are adjustable on the frame for a wide or narrow row. Price, \$16.75. Whiffletrees are not included. Complete with whiffletrees and neck yoke, \$20.00.

The "Acme" Pulverizing Harrow

A general purpose harrow, that will crush, cut, lift, turn, smooth and level the soil to perfection, all in one operation. While preeminently adapted for heavy, stubborn land, it can be adjusted by means of the levers and runners to do perfect work on the lightest soil. It cuts the entire surface without disturbing sod or trash that has been turned under by the plow. It prepares a perfect seed bed, and also covers seed in the best manner. The draft is reduced to a minimum. Being made entirely of cast steel and wrought iron, it is practically indestructible. Nothing but the coulters can possibly wear, and these are readily replaced at a trifling cost.

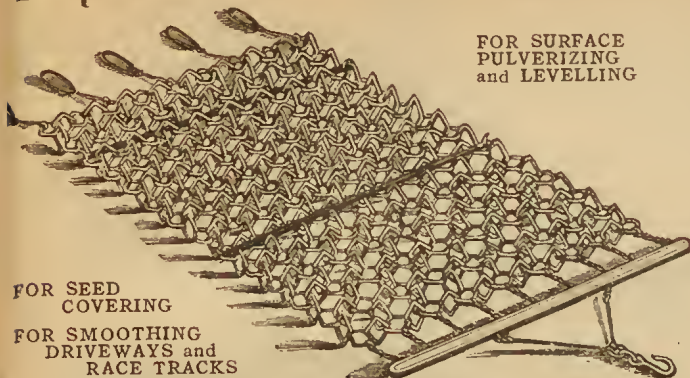


ACME HARROW NO. 23.

PRICES AND SIZES

No. 23. New Flexible Gang Two-horse Riding Harrow. Cuts 6 $\frac{1}{2}$ feet. \$32.50
No. 24. Riding Harrow. Four Horses. Cuts 13 $\frac{1}{2}$ feet. \$70.00
No. G. One Horse, 3-foot cut. \$16.25
No. H. One Horse, 4-foot 4-inch cut. \$22.75

Imported Scotch Chain Harrow



FOR SURFACE
PULVERIZING
and LEVELLING

FOR SEED
COVERING
FOR SMOOTHING
DRIVEWAYS and
RACE TRACKS

The Scotch Chain Harrow is being so much sought after for the undermentioned purposes that we have imported and carry in stock a few of each size to prevent delay in filling hurry orders. It is one of the best implements for pulverizing the surface of the soil, levelling and smoothing, and is also splendid for covering grass seeds, etc., being superior to the Brush Harrow for this purpose. Used on driveways and race tracks, it smooths the surface, eliminating ruts and footprints. It is made of wrought-iron links, as illustrated above and is very durable.

SIZES AND PRICES

One-horse size, 5 x 6 feet.....	\$35.00
Medium two-horse, 6 x 7½ feet.....	45.00
Full two-horse size, 7½ x 7½ feet.....	55.00
Whiffletrees, extra.....	4.50

THE HENDERSON Lever-Set All-Steel Harrow

A SPIKE-TOOTH HARROW WITH LEVER UP
A SMOOTHING HARROW WITH LEVER DOWN



A high-class Harrow in every respect, being made entirely of finest steel, excepting the draw-bars. With a wrench the tooth-bars can be loosened so that any one or all of the teeth can be lowered—to compensate for wear. It has a wide range of adjustment. The teeth can be instantly set at any angle from a forward pitch to straight up and down or slanting backward, the lever-catch holding them securely in the desired position. This Harrow is not made to sell "cheap" but is of full weight and strength, with ½ inch teeth. It is handsomely finished, simple, strong and does grand work.

SIZES AND PRICES

No. A.	1 Horse,	1 Section,	25 Teeth,	4 ft. cut.....	\$14.00
" B.	1 "	1 "	30 "	5 "	15.00
" C.	2 "	2 Sections	50 "	8 "	28.00
" D.	2 "	2 "	60 "	10 "	30.00

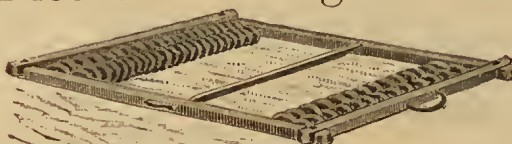
DIAMOND TOOTH "Harrow Cultivator"



A splendid tool for cultivating garden and field crops in rows. The numerous diamond-shaped steel reversible teeth thoroughly pulverize and loosen the soil. The frame expands or contracts by operating the lever between the handles. The back, wide, flat steel hoe sweep cuts off all weeds. Can be used or not as the work requires.

Price, with wheel, \$10.50; Sweep, extra, \$1.50.

THE MEEKER Disc-Smoothing Harrow



It is a splendid substitute for a rake for garden purposes, or for seeding down. It pulverizes and grades, leaving the ground in as fine a condition as could possibly be done by hand. No market gardener or farmer can afford to be without it.

The board in the center is set at an angle; is adjusted up and down, and acts as a leveller.

The discs grind all lumps so fine that seed must come up, and it mashes small stones below the surface better than any field roller; it levels the ground at the same time, which a field roller does not do.

PRICES.

One Horse size, 4½ feet.....	\$31.50
Market garden size, 6½ feet.....	36.75
Track size, 8½ feet.....	46.50

EVANS' Garden Harrow



It is designed for one horse, convenient to handle and get around garden plots, etc. Beams of oak, teeth of steel. For transportation to and from the field invert the harrow on the runners, which saves lifting and loading.

PRICE.

30 teeth.....	\$9.25
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The Planet, Jr., 12-Tooth Harrow, Cultivator and Pulverizer



This thorough working tool has rapidly grown in favor among strawberry growers, market gardeners and farmers. The twelve chisel-shape teeth do capital work, without throwing earth on small plants, and the tool is so convenient, durable and strong, the combination of teeth and pulverizer leaving the ground in the finest condition. The pulverizer also enables the operator to set the tool, in conjunction with the wheel, to any exact depth desired, making delicate work not only possible, but very easy. It is invaluable in narrow rows and close work, and is fine for preparing seed beds. The implement is fitted with lever wheel and lever expander, so the depth or width can be changed instantly while in operation; it contracts to 12 inches and expands to 32 inches. The handles can be raised or lowered to suit the driver.

Price, plain \$11.25; less pulverizer, \$14.50; complete, \$17.50.

The "Keystone" Corn Planter and Fertilizer Distributor



THE BEST CORN PLANTER AND FERTILIZER DISTRIBUTOR IN THE WORLD.

It cracks no grains and will plant from ten to twelve acres of corn per day, dropping kernels in drills or in hills at any desired distance apart and sowing at the same time, if needed, any kind of pulverized fertilizer; it is simple enough for the most ordinary laborer to use without getting it out of order. Each machine is furnished with four dropping rings and pinions to regulate the number of kernels and distance apart of planting. In addition to these four rings, we furnish rings at 50c. P. P. 2 lbs. apiece extra to plant peas, beans and other seeds, which, by the arrangement of the holes in the rings and the different pinions we furnish, can be distributed in any way that a farmer could wish. Some use it entirely for planting ensilage, others for planting peas, beans, etc. The phosphate attachment is perfect. The phosphate is accurately distributed and with absolute safety from injury to the seed; at the same time it may be placed near enough so that the young plants may at once receive the intended nourishment to give them an early start. Prices of the "Keystone" Corn Planter, with Phosphate Attachment. \$30.00

Prices of IMPLEMENTS, FERTILIZERS and INSECTICIDES are subject to change without notice.

"Planet, Jr." ALL STEEL HORSE HOE and Cultivator No. 8

CULTIVATES, HOES, FURROWS, COVERS, HILLS

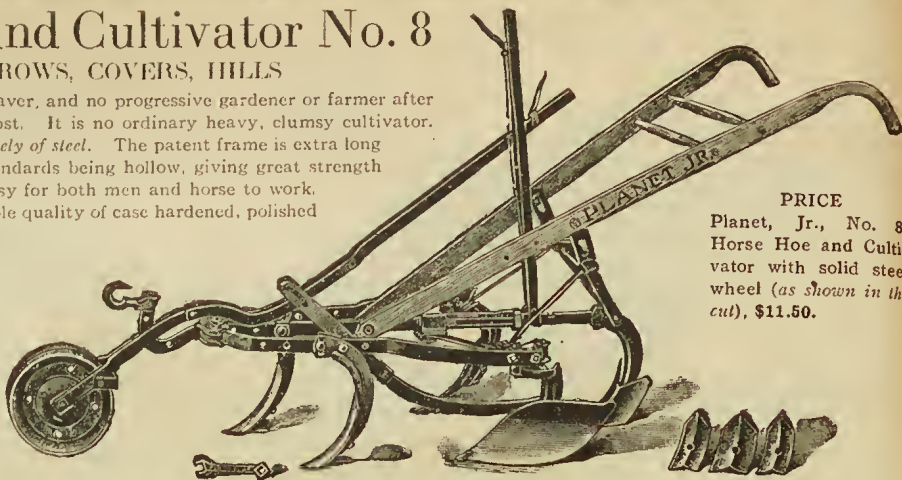
This grand implement is without a peer as a labor saver, and no progressive gardener or farmer after once trying it would be without it for ten times its cost. It is no ordinary heavy, clumsy cultivator.

but an implement made scientifically correct and *entirely of steel*. The patent frame is extra long and two inches higher than other cultivators, the standards being hollow, giving great strength and remarkably light weight; in consequence it is easy for both men and horse to work.

The cultivator, teeth, hoes, etc., are of the finest possible quality of case hardened, polished

steel that will retain an edge; they always scour bright, and will not clog in the stickiest soil; besides, they are so correctly shaped and curved that the operator can work closer up to plants without danger than with any other horse implement made, thereby entirely doing away with the usual finishing up with a hand hoe. As set in the illustration, the two forward cultivator teeth loosen the soil to any desired depth; the hoes follow cutting off weeds below the surface and throw much or little dirt to the rows as desired, this being quickly arranged by setting the hoes at the desired angle from the plant to the center of the row, as the hoe standards are on an adjustable swivel. Hoing away from small plants is done by swiveling the hoe standards entirely around. Plain

cultivating is done by replacing the three back hoes with cultivator teeth. Furrowing is done with the two hoes or with the back plow steel placed in front of the two hoes. The Lever Expander enables the operator instantly to open or shut the implement and lock it to suit any width or row, and can be worked while the implement is in motion, so that perfect work can be done even in irregular rows. The Wheel Lever enables the machine to be instantly raised or lowered and locked at any desired height, while the implement is in motion, and is very convenient for changing the depth in variable soils and for raising the teeth out for turning at the end of the rows. The Depth Regulator is worked and set simultaneously with the wheel by the lever-bar; by this arrangement the implement runs steadily and the depth can be gauged instantly and to a nicety while the horse is in motion. The Handles can be quickly set to either side, and the height can be changed to suit the operator. Weight, 82 lbs. Price, Planet Jr., No. 8, with solid steel wheel (as shown in cut), \$17.50.



PRICE
Planet, Jr., No. 8,
Horse Hoe and Cultivator with solid steel wheel (as shown in the cut), \$11.50.

The Planet, Jr., No. 104 Horse Hoe and Cultivator

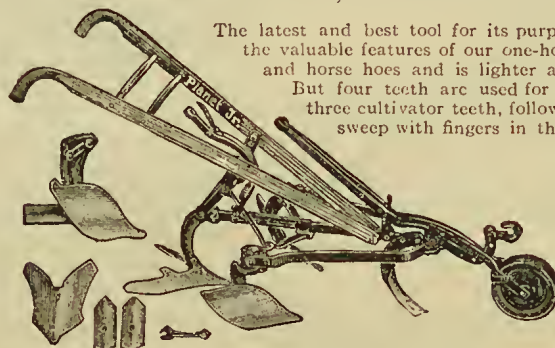


This new implement is made to meet the demand for a cheaper tool than the No. 8. This is a little lighter in all parts, but strong and efficient, and is particularly adapted for sandy and light soils. It performs the same range of work as the No. 8, viz.: Cultivates, hoes, furrows, hills up, etc. Complete it is furnished with lever expander, lever wheel, five 3-inch cultivator steels, one pair 6-inch horse hoe steels and one 7-inch double shovel steel for rear. Weight, 62 lbs.

Price, No. 104, horse hoe and cultivator, complete as just described, \$14.00, or with plain wheel, \$13.50, or without wheel, \$12.00.

Price, as cultivator only (No. 101) with lever expander, plain wheel and five 3-inch cultivator steels, \$12.00.

Planet, Jr., No. 10 Horse Hoe, Cultivator, Hiller and Vine Turner



The latest and best tool for its purpose, combining the valuable features of our one-horse cultivators and horse hoes and is lighter and stronger.

But four teeth are used for ordinary work; three cultivator teeth, followed by a wide sweep with fingers in the rear, a combination that

works "like a charm" for level cultivation. For hilling, three extra teeth are provided; two plows and one 10-

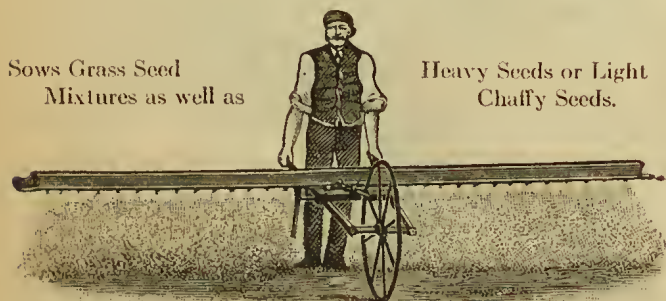
inch furrower, especially adapted to hilling crops not over 3 1/4 feet apart. As a furrower it works admirably. The Vine Turners, a new pattern, are of special value in cultivation of all vine crops.

Price, complete as in cut, \$27.00.

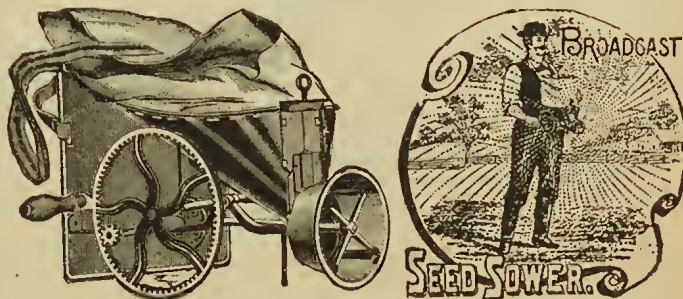
The Henderson DOUBLE HOPPER Wheelbarrow Seeder.

Sows Grass Seed
Mixtures as well as

Heavy Seeds or Light
Chaffy Seeds.



This is a superior Seeder. One side of the Seed Box is adapted for all such heavy seeds as clover, timothy, millet, alfalfa, Hungarian, etc. The opposite side handles the light chaffy seeds, as Red top, Kentucky blue, Orchard grass, etc., as well as grass seed mixtures for golf, pasture, hay, lawns, etc. The machine may be easily regulated to sow any desired quantity per acre, sowing it accurately and evenly the whole length of the hopper—14 feet—and it does not clog up. The total weight of the machine is only 40 lbs. The hopper is perfectly balanced and is close to the large wheel—giving greatest force with least exertion, and leaving light weight on the operator. Every machine warranted to do good work, and of especial value on a windy day. Full directions with each seeder. Price, \$13.00.



CAHOON'S BROADCAST SEEDER

CAHOON'S IMPROVED BROADCAST SEED SOWER

Will sow all kinds of grass and grain seeds from 4 to 8 acres per hour at a common walking gait. Heavy seeds, such as wheat, it will throw 40 feet (20 feet each side of the operator); lighter seeds, of course, will not be thrown so far.

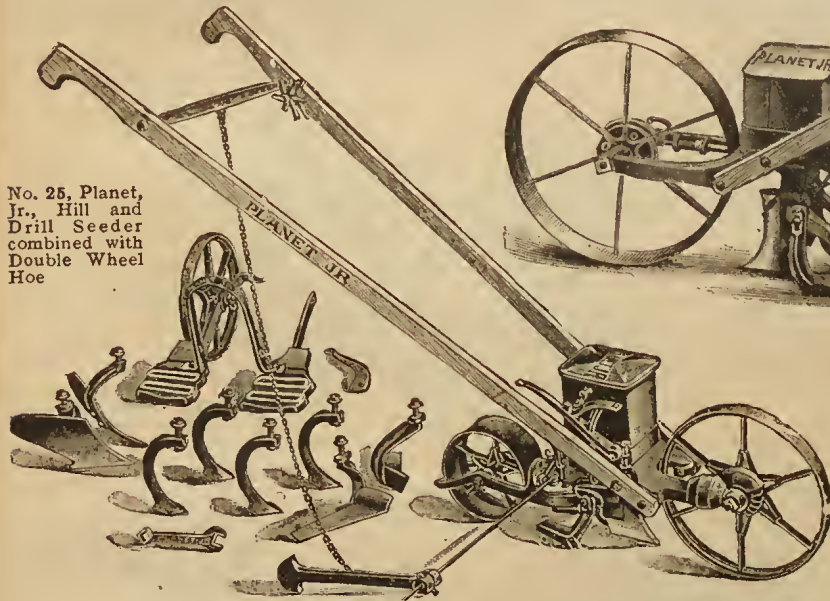
Price, \$4.00; P. P. 8 lbs.

Prices of TOOLS, IMPLEMENTS and APPLIANCES are subject to change without notice.

The "Planet, Jr." Hand Power Hill and Drill Seeders

A good seeder is one of the most important of garden and farm implements; with it the seeding may be done in one-fourth of the time required by hand and be done far better, producing a more even crop and with a great saving of seed; with the "hill droppers" there is also a great additional saving of labor in thinning, and the seed being sown in an even narrow line enables wheel hoe cultivation and hoeing to be done closer to the plants, thus reducing hand labor to a minimum. We believe that even after forty years of pushing on our part, hand seeders and wheel hoes are not yet appreciated as they should be; are not used by one-half the people that would find them to pay for themselves in a short time.

No. 25, Planet, Jr., Hill and Drill Seeder combined with Double Wheel Hoe



Planet, Jr., Hill and Drill Seeder representing Nos. 5, 3 and 4

The "Planet Jr." Hill and Drill Seeders are the very best hand-power seed planters in the world. Improvement after improvement has been adopted as suggested during an experience of 40 years in their manufacture until they are now far in advance of any other Seeders and

without a rival. These seeders, at the will of the operators, either sow seeds in a continuous drill, thick or thin, shallow or deep, or they may be instantly set to plant any desired quantity of seeds at any of the following regular distances apart: 4, 6, 8, 12 or 24 inches. They open the furrow, drop the seed, cover and roll it and mark the next row at one operation and as fast as a man can walk. The flow of seed may be instantly shut off, thus preventing waste when turning the end of the row. These seeders are light in operation, strong, simple and do not get out of order.

THE PLANET, JR., No. 31,

Combined Seeder, Wheel Hoe, Cultivator, Etc.
A Special Low Priced Machine for Small Gardens

Those who do their own gardening in a small way in town or suburbs and have not felt justified in purchasing the higher priced implements may now enjoy the pleasure and profit of working their gardens with a thoroughly practical up-to-date Planet Jr. of moderate cost, with the new No. 31 all garden seeds from the smallest even to peas and beans may be sown in rows as rapidly as you can walk. It opens the drill $\frac{1}{4}$ to 2 inches in depth, sows the seed even to a packet any thickness desired and covers it all at one operation. The index for different seeds is quickly and easily set. The seed hopper holds one quart. The seeder may be removed in a moment for the hoeing and cultivating attachments to be used. These consist of one large garden plow for furrowing hilling up, etc.

Two flat hoes or "Sweeps" one 5 inches and one 10 inches wide for cutting off weeds; one 5-tooth prong hoe for deep or shallow stirring the soil, earth mulching, etc., and one 2-inch cultivator tooth for opening narrow furrows. The whole combination is just what is needed to do the various operations with speed and ease. May be used by man, boy or lady. Price, as above described, \$11.50. drill only (No. 32) \$9.25, or as a wheel hoe only (No. 33), \$5.50.



No. 28 Planet, Jr., Combined Hill and Drill Seeder, Wheel Hoe, Cultivator, Rake and Plow

Price, \$23.00
Packed weight, 64 lbs.
Holds 3 quarts

Equipment:

- One pair 6-inch hoes
- Three cultivator teeth
- One landside plow
- One leaf guard
- One marking attachment



It is the most accurate seeder in action and the nearest perfect in construction that we have ever offered. Accuracy of construction makes for accuracy in operation and it saves seed and labor and insures an even stand of plants and a correspondingly satisfactory crop.

As a Seeder it drops all garden seeds in hills, 4, 6, 8, 12 or 24 inches apart, or sows them in drills with accuracy, opening the furrow, covering, rolling down and marking the next row all at once. The seeds drop in full sight of the operator, the rear of the spout being open and white.

This tool is exceedingly useful to owners of small gardens. It will throw a furrow four to six inches wide and one to three inches deep, and deeper by going twice. Furrows for manure or seed can be opened and covered. In Cultivating, plow away, weed and plow back again. This tool will enable a busy man to do in his spare minutes nearly all the work of a family garden. Chicken Raisers find it of great advantage in plowing up their scratching yards.

Price, \$3.50.

Prices of IMPLEMENTS, FERTILIZERS and INSECTICIDES are subject to change without notice



HOEING



CULTIVATING



EARTHING UP



FURROWING



RAKING

The only difference between the various Double Wheel Hoes and the various Single Wheel Hoes is in the equipment as here-with detailed.

The only difference between the various Double Wheel Hoes and the various Single Wheel Hoes is in the equipment as here-with detailed.				HOES		Culti- vator Teeth	PLOWs		RAKES		Leaf lifters	Price
				6 in.	1½ in.		Small	Large	5- tooth	3- tooth		
DOUBLE WHEEL HOE												
No. 11.	Equipped as illustrated.....	2	2	4	2	0	2	2	2	\$14.00		
" 12.	Equipment..... <i>KH</i>	2	0	4	2	0	0	0	2	11.00		
" 13.	Equipment..... <i>KH</i>	2	0	0	0	0	0	0	0	7.75		
SINGLE WHEEL HOE												
No. 16.	Equipped as illustrated.....	2	0	3	0	1	1	1	1	9.00		
" 17.	Equipment..... <i>KH</i>	2	0	3	0	1	0	0	0	7.50		
" 17½.	Equipment..... <i>KH</i>	2	0	3	0	0	0	0	1	6.60		
" 18.	Equipment..... <i>KH</i>	2	0	0	0	0	0	0	0	5.50		
Extra equipment may be added at any time at price mentioned, per each..... <i>KH</i>												
		65c.	60c.	40c.	75c.	\$1.50	65c.	50c.	20c.			

Parcel Post Weight, per each..... \$67 17oz. 17oz. 13 oz. 17 oz. 45 oz. 15 oz. 10 oz. 8 oz.

THE NEW "Planet, Jr." Wheel Hoes, Etc. THEIR ATTACHMENTS AND USES

The Cultivator Teeth, a fine model of best stamped steel used for either deep or shallow stirring and cultivation.

The Flat Hoes, for surface hoeing, cutting off weeds, etc. The 4½-inch are for rows under 12 inches wide; the 6-inch for wider rows. The hoes can be exchanged to either side, thus throwing a little earth to or from the plants, as desired.

The Small Plows, (supplied with the Double Wheel Hoes) are valuable for hilling up, covering, furrowing, etc.

The Large Landside or Turn Plow, (supplied with the Single Wheel Hoes) is used for plowing, furrowing, hilling, covering, etc. They will throw either to or from the plants as set.

The Rakes are for stirring, fining and leveling the surface and for early cultivation.

The Leaf Lifters turn aside the foliage without injury when plants are large, so that close work can be done rapidly and easily.

THE NEW "Planet, Jr." Wheel Hoes and Cultivators FOR HAND POWER

Wheel Hoes with their attachments for cultivating, hilling, furrowing, covering, etc., are among the great labor-savers of the age. They not only make the care of all rowed crops a pleasure, but enable a man to care for five times the area that can be done by "the man with the (other) hoe." They are built substantially for all-day work by an able-bodied man, yet they are adapted to the strength of a boy or woman.

THE DOUBLE WHEEL HOES, while they work equally well between two rows of plants, are especially adapted for straddling one row, working close up to both sides of the plants, until they are twenty inches high.

THE SINGLE WHEEL HOES, are rather lighter than the double, and while the wheel can be set on the side of the frame, enabling both sides of one row to be hoed at one time, yet they are best adapted for working between two rows of plants.

No. 14. PLANET JR. DOUBLE AND SINGLE WHEEL DISC HOE, CULTIVATOR AND PLOW

Packed weight, 38 lbs.

Steel frame. 14-inch steel wheels.

Equipment:

One set of disc hoes, oil tempered.
One pair plows, oil tempered.
One pair 3-prong cultivator teeth. Two leaf lifters.
No. 14 is especially pleasing to all who work peat lands. It has three adjustable discs on each side, which may all be used at once or one or two on a side. They can be set to throw to or from the row, and will leave the ground smooth and pulverized.

The prong cultivator teeth are invaluable. The tooth next to the row is narrow and runs shallow; the middle tooth is wider and runs ½ inch deeper; the outside tooth is still wider and runs another ½ inch deeper. This avoids injury to the plants. The teeth are also set out of line from front to back, which prevents clogging. Price, \$12.50.

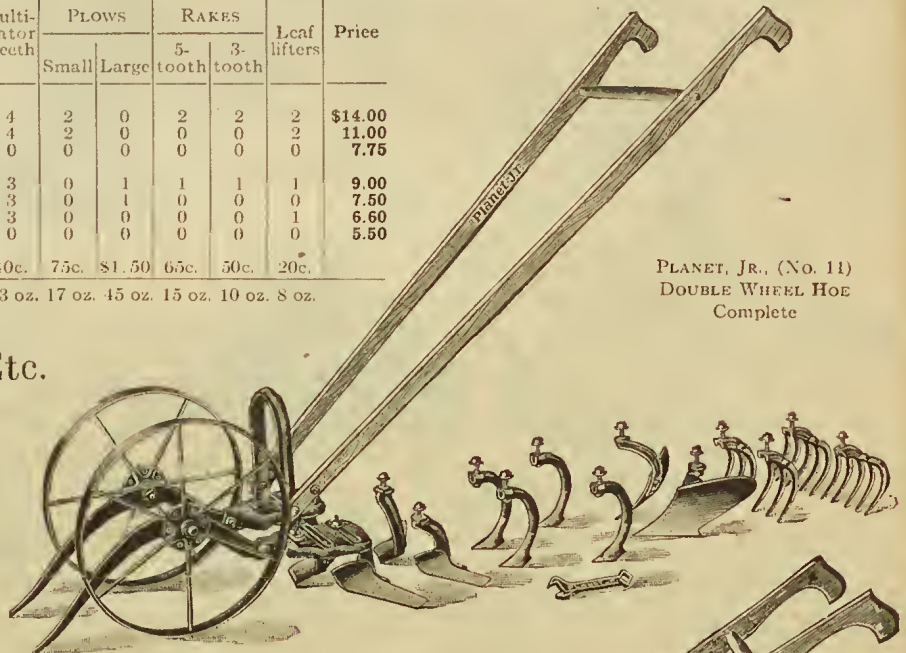
THE PLANET, JR. CATALOGUE more fully describing and illustrating full line of hand and horse power implements, MAILED TO APPLICANTS.

The "Henderson" Hand Garden Plow, Furrower, Hiller and Seuffle Hoe

This is one of the handiest garden tools ever used, very light (weighs only 20 pounds), but strongly made and finely finished; adjustable frame. It is equipped with a plow, suitable for opening and covering furrows, hilling celery, potatoes, etc., and for plowing under the accumulations in a poultry yard it is very useful. The Seuffle Hoe cuts off weeds below the surface and loosens the surface of the soil; it is also fine for cleaning walks; the seed furrow opening tooth is also very useful for its purpose. The rake attachment will level and fine the soil in preparing seed beds, and is a useful attachment for killing small weeds and surface cultivation. Price, complete, as shown in the cut, \$5.50.



HENDERSON
HAND GARDEN
PLOW, \$5.50
Complete as
illustrated



PLANET, JR., (No. 11)
DOUBLE WHEEL HOE
Complete



PLANET, JR., (No. 16)
SINGLE WHEEL HOE
Complete

Steel One-Horse Lawn Rollers

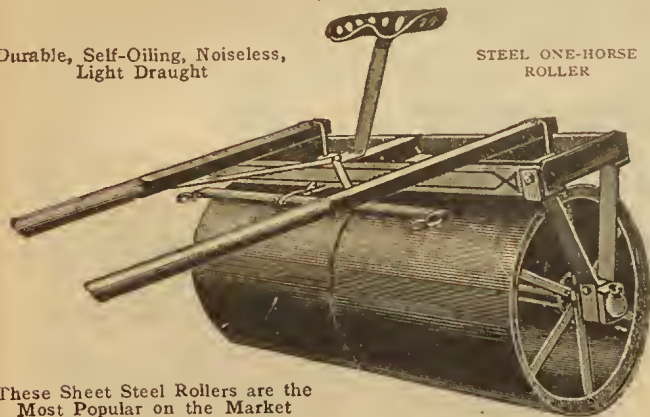
Especially designed to smooth and keep in perfection

LAWNS, DRIVES, WALKS AND GROUNDS OF GOLF, TENNIS, ATHLETIC AND COUNTRY CLUBS AND GENTLEMEN'S PLACES

No. 2, 24 inch diameter; tracks 5 feet 5 inches; 2 sections; weight, 409 lbs.
Price, \$44.00

Durable, Self-Oiling, Noiseless,
Light Draught

STEEL ONE-HORSE
ROLLER



These Sheet Steel Rollers are the
Most Popular on the Market

Unbreakable rolled sheet steel drums, with steel felloes and channel steel spokes; thoroughly riveted and practically indestructible; axle of heavy stiff steel with lathe turned ends, working in oil soaked maple boxes which are recessed below and filled with cotton waste, which when soaked with oil will lubricate the journals the whole season, resulting in the lightest draught, smoothest and most noiseless working Roller on the market. The frames and hangers of heavy stiff angle iron are securely bolted and the frame so arranged that additional weight may be added to suit requirements.

Steel Two-Horse Rollers

(For details of construction see above.)

No. 16, 24 inches diameter; tracks 7 feet; 3 sections; weight, 519 lbs. **\$48.50**
No. 34, 30 inches diameter; tracks 8 feet; 3 sections; weight, 728 lbs. **\$65.00**
Prices include double trees and neck yoke.

McWHORTER Horse Power Fertilizer Distributers

These improved machines are very highly appreciated by farmers where known, and are extensively used in the large market gardening sections, where they are considered indispensable. With one of these machines commercial fertilizer of any kind may be distributed in any desired quantity in open furrows, or placed as side dressing on both sides of a row of growing plants doing two to six furrows or rows at one time according to the distance between the rows and the size of the machine. The machines are very simple and easily understood, the fertilizer is forced through adjustable distributing spouts, which can be quickly spread to suit the width of row or size of plants; or the spouts may be instantly set as a complete and uniform broadcaster for strawberry beds, farm crops, lawns, etc.

No. 34 McWhorter Fertilizer Distributer

Our New "Low Down" for one horse. The four feeds and movable rubber spouts make it a complete broadcaster to the extent of six and one-half feet. It will fertilize three furrows if not over two feet nine inches apart, and will distribute in two furrows from that up to five feet six inches, the spouts being adjustable to suit the different kinds of work. It will side dress on both sides of two rows of growing crops. It will also side dress one side of two or three rows.

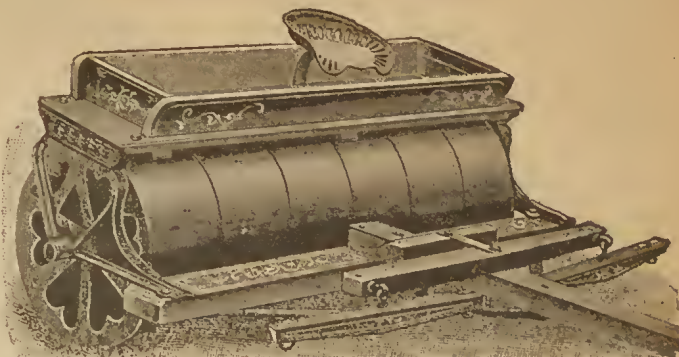
Shipping and net weight, 260 lbs. Hopper capacity about 375 lbs.
Price, **\$48.00.**

No. 26 McWhorter Fertilizer Distributer

Our New "Low Down" two horse Fertilizer Distributer, broadcasting a width of nine feet. Being low down and the wheels entirely out of the way make it especially well adapted to fertilizing orchards and groves of all kinds. By means of the adjustable spouts it will also fertilize any number of furrows or rows that come under the width of the machine.

Shipping and net weight, 373 lbs. Hopper capacity about 540 lbs.
Price, **\$68.00.**

Henderson's Superior Iron Rollers



Superior Iron Horse Rollers

For use on Lawn, Field, Golf Course, Roads, etc.

The Iron One-Horse Rollers (Nos. 60 to 67) are furnished with Weight Box, Seat and Shafts. Scraper Extra, \$7.50 per roller.

The Iron Two-Horse Rollers (Nos. 70 to 79) are furnished with Weight Box, Seat and Tongue. Extras: Whiffletree and Neck Yoke, \$5.00; Scraper, \$9.00 per roller.

No.	Diameter	Sections	Track	Weight	Net Price
60	20 inches	4	4 feet	950 lbs.	\$90.00
63	24 "	5	5 "	1450 "	130.00
67	28 "	6	6 "	1950 "	175.00
70	20 inches	5	5 feet	1150 lbs.	\$100.00
72	24 "	5	5 "	1450 "	130.00
76	28 "	6	6 "	1950 "	175.00
79	32 "	6	6 "	3000 "	265.00

STEVENS HAND POWER Fertilizer Sower

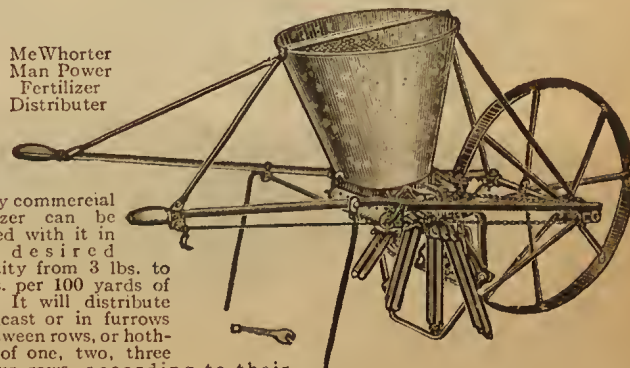
For Top-Dressing Lawns, Tennis Courts, Golf Greens, etc.

It sows all kinds of commercial fertilizers, bonemeal, wood ashes, lime, etc., in large or very small quantities. It can also be successfully used for fertilizing strawberry beds, and other garden and field work; is excellent for sifting wood or coal ashes, or dry sand on icy walks; will also sow damp sand by removing two blades. The hopper is 34 inches long and holds one and one-half bushels. Weight of machine, 83 lbs. It is well made and nicely painted. Price, **\$15.00.**



McWHORTER Man Power Fertilizer Distributer

McWhorter
Man Power
Fertilizer
Distributer



Any commercial fertilizer can be applied with it in any desired quantity from 3 lbs. to 40 lbs. per 100 yards of row. It will distribute broadcast or in furrows or between rows, or both sides of one, two, three or four rows, according to their distance apart, at one operation. The fertilizer is forced through eight distributing spouts, which may be contracted to cover a 4-inch strip; or they may be spread into any position not exceeding 2 1/2 feet in width. For top dressing strawberry beds, lawns, etc., as well as for rowed crops, it is a boon. Easily worked by man or boy. Weight, 65 lbs. Price, **\$16.00.**

Prices of IMPLEMENTS, FERTILIZERS and INSECTICIDES ARE SUBJECT TO CHANGE WITHOUT NOTICE.

THE HENDERSON Cast Iron Water Ballast Roller

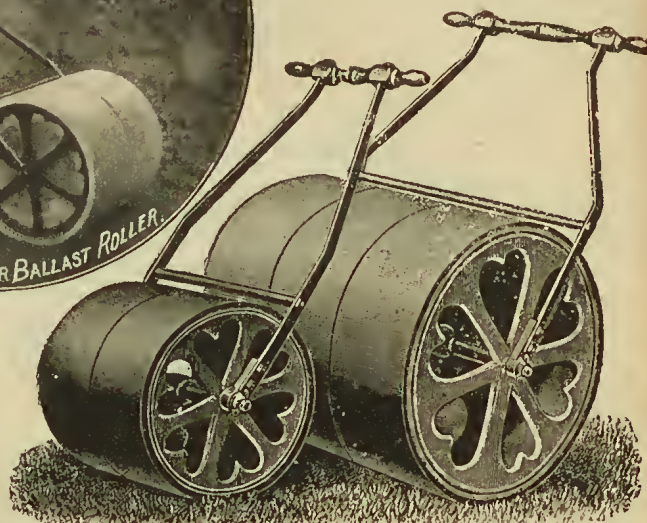
The advantages of a roller, the weight of which can be increased or lightened at pleasure, can scarcely be over-estimated. Often on light or sandy soil, or on newly made lawns, or in early spring when the ground is moist or after a rainy spell, a lighter-weight roller is a necessity; then on thick sward or on hard soil, on walks and roads, a heavy roller is needed. With a Henderson Water Ballast Roller one can secure any weight desired, between minimum and maximum, by simply removing a thumbcap from each end and filling the two hollow sections with as much water or sand as may be needed, which is easily and quickly done with a hose or through a funnel; and the roller is as quickly emptied. The inside being heavily galvanized, it will last for years.

These are perfect rollers, and do perfect work on lawns, tennis courts, golf grounds, roads, walks, etc. They are high-grade in every respect, being carefully manufactured of best material, and the diameter is large, insuring a lighter draft for a given weight than is usual.

The Henderson Patent Water Ballast Roller for man power. Weighs 300 lbs.; loads up to 600 lbs.; tracks, 24 inches; diameter of drums, 24 inches; counterbalanced handle, stands erect when not in use. Price, \$45.00.



The benefit derived from using a roller on the lawn is inestimable—and the heavier the roller the better. Freezing and thawing causes the sod-ground to heave, also too liberal watering with force washes soil from the roots of the grass—in either event, if the sod is not pressed down, the grass is apt to be burned out or injured in hot weather, leaving the lawn full of bad spots. A lawn on which a roller is used is never troubled with moles.



SHEET IRON WATER WEIGHT ROLLERS

No.	Diam.	Length	Sections	Weight	Water Filled	Price
WB 5	18 in.	24 in.	1	80 lbs.	310 lbs.	\$15.75
WB 7	24 in.	24 in.	1	115 lbs.	500 lbs.	20.00
WB 13	24 in.	32 in.	2	160 lbs.	650 lbs.	26.00
WB 15	24 in.	24 in.	2	140 lbs.	500 lbs.	24.00

If weights to hold handle erect are wanted add \$1.50 per roller.



Henderson's Superior Iron Hand Rollers

These are very superior Rollers, the edges are beveled to prevent marking, the faces are ground smooth so they will not pick up and carry lumps of earth, the axles are of steel, the sections fit closely and the handles are of our improved design, will not break and are counterbalanced so they will always keep up from the ground, clean and out of the way.

From 300 to 500 lbs. is the weight chosen for a one-man power roller for level lawns. Remember that the heavier the roller used on your lawn the finer sward you will have.

Weight Boxes can be supplied on any roller larger than number 3, at an extra price quoted on application.

No.	Diameter	Total Length	Actual Weight	Net Prices
1	15 inches	15 in. in 2 sec.	150 lbs.	\$14.25
2	15 "	22 " " 3 "	200 "	18.75
3	20 "	16 " " 2 "	225 "	21.00
4	20 "	20 " " 2 "	250 "	23.25
5	20 "	20 " " 1 "	250 "	23.25
6	20 "	24 " " 3 "	300 "	27.75
8	20 "	30 " " 3 "	350 "	32.25
9	24 "	20 " " 2 "	400 "	36.75
11	24 "	24 " " 3 "	450 "	41.25
12	24 "	30 " " 3 "	500 "	45.75
14	28 "	24 " " 3 "	500 "	45.75
15	28 "	30 " " 3 "	600 "	54.00
16	28 "	32 " " 4 "	650 "	58.00

Henderson's PUTTING-GREEN Roller

A roller especially made to meet requirements in rolling and keeping in good condition both grass and clay "Putting Greens." It is used and endorsed by the green keepers of some of the best golf courses in the United States. The roller is four feet wide, having four 12-inch sections 10 inches in diameter, made of turned rock maple, the ends of each section being banded with steel to prevent splitting. The entire face surface is very true leaving no ridges or indentations on the "green." The width is sufficient to go over the green quickly, keep it level, and the weight, 150 lbs., just right for convenience in handling by one man and yet



HENDERSON'S SUPERIOR IRON HORSE ROLLER

PUTTING-GREEN ROLLERS

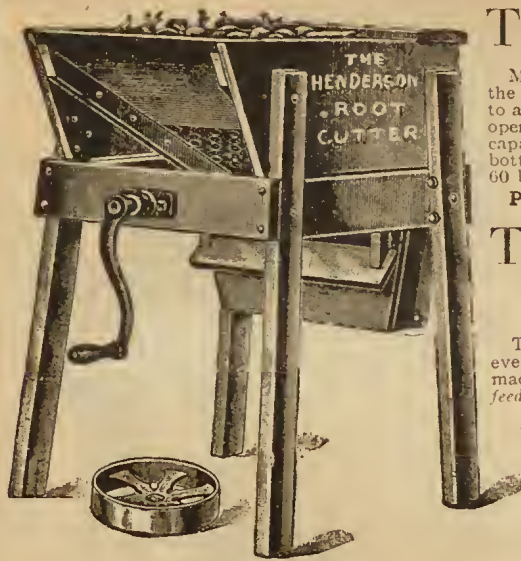
CAST IRON PUTTING-GREEN ROLLER WITH SCRAPER AND COLLECTING BOX

effective for rolling. It turns readily without scraping the green. This roller is also very useful for firming the soil when making up vegetable garden beds both before and after seeding. Price, \$22.50.

CAST IRON PUTTING-GREEN ROLLER with Detachable Scraper and Collecting Box

This is undoubtedly the most efficient roller on the market for Putting Greens. The cylinder is made of cast iron in four 10-inch sections, making the roller 40 inches wide. It is light in weight, and being in four sections is remarkably easy to handle. A new feature of this roller is that it is fitted with a scraper and collecting box for sticky worm casts—which when filled may be taken off and emptied. Thus the cylinder is being continually cleaned while the roller is being used. A man can traverse the greens with great rapidity with this roller, and can easily keep them in good condition during the soft season. This roller is also very useful for rolling garden beds after seeding. Weight, 190 lbs. Price, \$27.50.

Prices of IMPLEMENTS, FERTILIZERS and INSECTICIDES are subject to change without notice



The Henderson All-Iron Root Cutter

Made entirely of Iron and Steel. A positive feed—it must cut the roots; cannot get away from the knives. This cutter has 19 gouge shaped steel knives, fastened from the inside with two bolts to a cast iron cone shaped drum. The drum is driven by gear wheels with the power in favor of the operator, so it makes an easy running root cutter with good capacity. Hopper 24 inches diameter at top, 11 inches at bottom, 16 inches deep, weight, 100 lbs. Capacity, 45 to 60 bushels per hour.

Price, complete, \$15.00.

The "Banner" Root and Vegetable Cutter

The "Banner" Root Cutter is, without question, the best ever invented; it contains features found in no other machine; it has a self-feeder; separates the dirt from the cut feed, and leaves the cut food in such condition that stock cannot choke. The pieces are cut in long, half-round slices, and are not crushed, ground or torn; even young lambs can safely be fed with roots cut with the Henderson cutter.

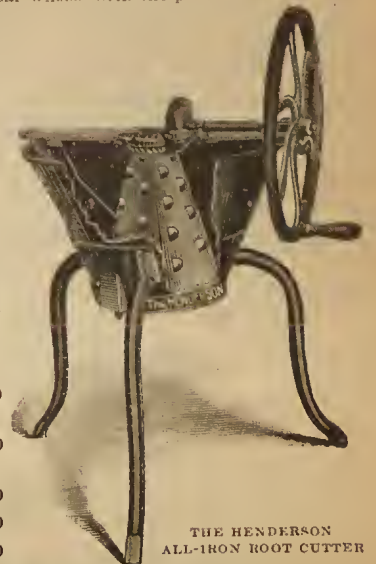
No. 02. Hand power, capacity, 30 to 50 bushels an hour..... \$12.00

No. 51. The above fitted with pulley for power capacity, 60 to 80 bushels an hour... 14.00

No. 61. Hand and small power Cutter, fitted with balance wheel, crank and pulley, capacity, 120 to 180 bushels an hour 20.00

No. 01. Exclusively Power Cutter, capacity, 4 to 6 bushels a minute 30.00

No. 70. Poultry and Lamb Food Cutter 5.00



THE HENDERSON ALL-IRON ROOT CUTTER

"Clipper" Hand Lever Feed Cutter

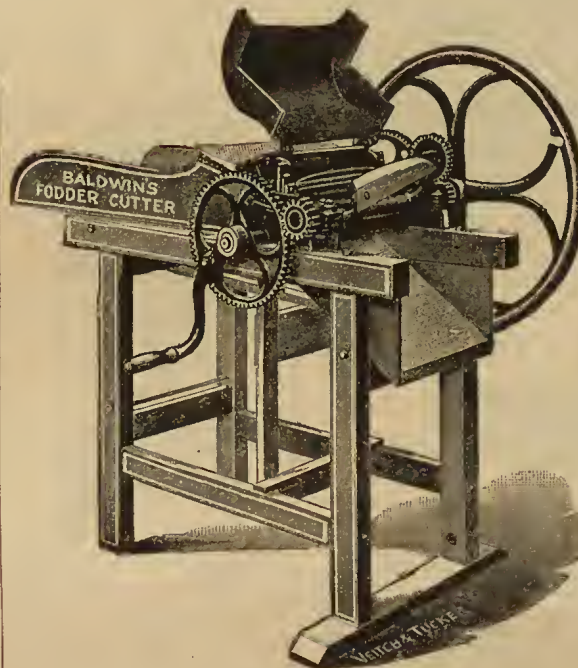


The "Clipper" Lever Cutter is a strong framed machine, and the most simple cutter made, and we recommend it to all who have but a moderate amount of feed to cut. It will cut 15 bushels an hour.

We furnish all with the gauge-plate, with which short feed can be cut much faster than without it.

It can also be changed to make any length of cut. Price, \$5.00.

The Baldwin Hand Power Fodder Cutters



The latest improved and best hand power cutters made. They cut rapidly and easily all kinds of fodder, hay, straw, cornstalks, etc. Adjustable self-feeding iron rolls. The revolving knives of finest steel give a shear cut. Length of cut quickly changed. Substantial and durable.

Price Net

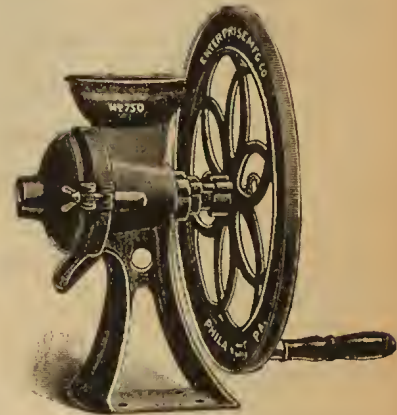
No. 1.—Our smallest cutter for one or two head of stock; has one 6-inch knife, cuts $\frac{1}{2}$, 1, $1\frac{1}{2}$ and 2 inches..... \$22.00

No. 9.—For three or four head of stock; has two $8\frac{1}{4}$ -inch knives, cuts $\frac{1}{4}$, $\frac{1}{2}$, $\frac{3}{4}$ and 1 inch..... 31.00

No. 10.—For five to eight head of stock; has two $9\frac{1}{2}$ -inch knives, cuts $\frac{1}{4}$, $\frac{1}{2}$, $\frac{3}{4}$ and 1 inch..... 36.00

No. 11.—For ten to twenty head of stock; has two 11-inch knives, cuts $\frac{1}{4}$, $\frac{1}{2}$, $\frac{3}{4}$ and 1 inch..... 40.00

The "Enterprise" Grinding Mill



A good general mill for farmers, poultrymen, etc., and for strength and durability it is unexcelled; the grinders are warranted equal to steel. Capacity, $1\frac{1}{2}$ bushels of corn per hour. It grinds corn, grain, roots, bark, shells, dry bones, chicken feed, salt, etc. It is not intended for grinding green bones, for these can only be shaved or cut, but not ground. The dimensions of the mill are as follows: Height, 17 inches; width, $8\frac{1}{2}$ inches; balance wheel, 19 inches diameter; throat, $3\frac{1}{2}$ inches diameter; weight, 60 lbs. Price (No. 750), as shown in the cut, \$10.00. (No. 650), same as the above, excepting that it is made to screw to a wall or post, \$9.00.

Buch's Root Cutter

This is a valuable machine to stock raisers, farmers and poultrymen for cutting roots and vegetables for stock feed. It feeds itself and cannot choke or clog. It is strongly made; well braced and bolted. The heavy flywheel and even bearings make it run easily.

No. 1. Hand Machine. Width of cutter bar, 10 inches; weight, 100 lbs.; $7\frac{1}{2}$ cubic feet K. D. Price, \$11.50

No. 2. Power Machine. Width of cutter bar, 20 inches; weight, 190 lbs.; $14\frac{1}{2}$ cubic feet K. D. Price, 25.00

Burrall Improved Corn Sheller

An all-iron and very durable one-hole Sheller. It shells both large and small ears and separates the corn from cob perfectly. One man can turn and feed at the same time.

Capacity, 100 bushels per day. It has been a popular sheller for years and with the present improvements is better than ever. Price, \$12.00.

Prices of TOOLS, IMPLEMENTS and APPLIANCES are subject to change without notice

MANN'S NEW MODEL BONE CUTTERS

VARIOUS STYLES, FOR POULTRY AND FLOCKS OF ALL SIZES

These Bone Cutters have attained a reputation for durability, ease of operation, rapidity of work and adaptability for cutting bone in all conditions, that place them easily in the lead of all other bone mills. Almost any mill will cut or grind dry bone satisfactorily, but it is the fresh green bone that makes chickens grow and hens lay, and these machines are made particularly for cutting such. They will cut fresh bones with meat and gristle on them; dry bones; pressed scraps; corn or corn on the cob; potatoes, turnips and vegetables of all kinds, and all without clogging. These machines are cutters, not grinders; they may be operated by man or boy; they run easy and cut fast; have an automatic feed; can be adjusted to cut fine or coarse; have the finest quality steel knives, that can be removed and sharpened by anyone and many other points of merit.

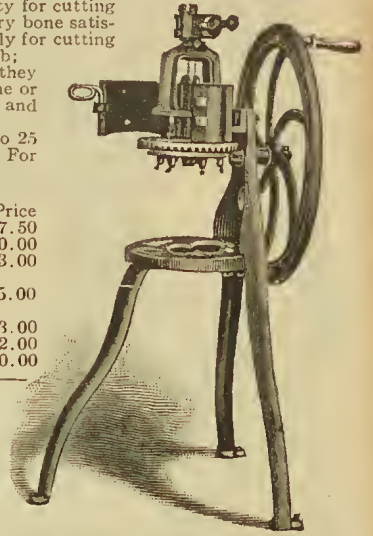
In selecting a Mann's Bone Cutter, the No. 5's are adapted only for small flocks of 15 to 25 hens. The Nos. 7 and 9 are the popular sizes, and perhaps the most economical to buy. For large flocks, of course, power machines should be chosen.

PRICES AND SIZES OF MANN'S BONE CUTTERS

	Capacity an Hour	Weight	Price
Small Flock —No. 5 C, with Crank Handle.....	10 lbs.	30 lbs.	\$7.50
Cutters —No. 5 B, with Balance Wheel.....	15 "	55 "	10.00
(15 to 25 hens) —No. 5 B M, on Iron Stand, with Balance Wheel.....	20 "	80 "	13.00
Popular. No. 7, on Iron Stand, with Balance Wheel, for flocks of 40 to 75 hens.....	30-50 "	107 "	15.00
Cutters. No. 9, on Iron Stand, with Balance Wheel, for flocks of 100 to 300 hens.....	60-75 "	163 "	23.00
Hand and Power Cutter. No. 11.....	100 "	215 "	32.00
Power Cutter. No. 12 (1/2 to 1 1/2 horse power).....	125 "	260 "	40.00



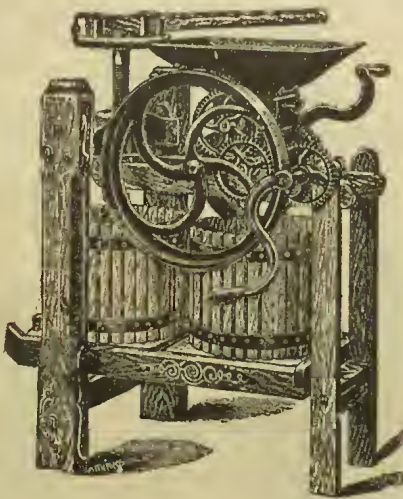
No. 5 B



No. 7
For flocks of 40 to 100 hens

The New Departure Cider Mill Cider and Wine Presses

This cider mill has established a reputation over all others, and has proved itself to be the leading mill. It has been awarded the First Premium over all competitors at state and county fairs, where it has met mills of every character, and beaten all. It is constructed on an entirely different principle from other mills, which either grate or cut the apples, leaving the larger portion of the pomace in lumps, from which the juice cannot be extracted by the press. In this mill the two lower rollers are cast with alternate ribs and grooves interlocking, to draw in the apples, and the fruit is smashed between the smooth segments, breaking thoroughly all the cells, so that the cider is entirely extracted in the press. It will produce one-fourth more cider than any other mill from the same quantity of apples. For light running and fast grinding it has no equal. Price, \$32.00.



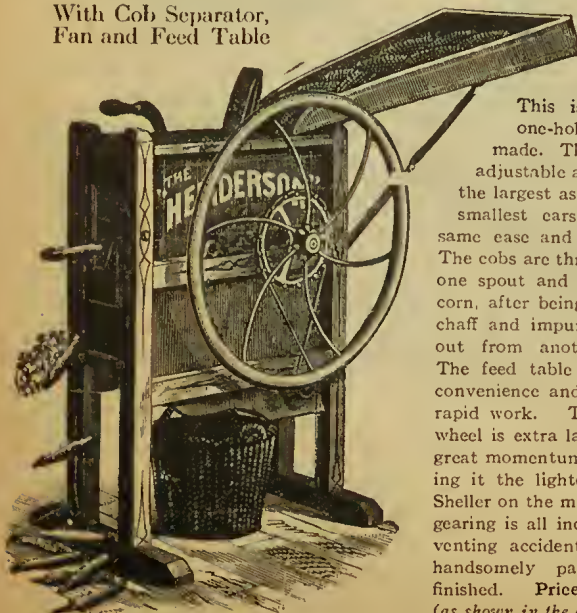
These new style presses are much stronger and more durable than those usually sold. The upright side posts are made wide at the bottom, giving a bearing the full width for the bed timber. They also have two rods on each side instead of only one, as usually used thereby greatly adding to the strength of the frame. The screws are made of steel.

Number	Size Tub	Capacity	Prices
1	10x 8 1/2 inches	2 gallons	\$6.00
2	12x11 inches	5 gallons	7.25
3	13x14 inches	7 gallons	10.00

Larger sizes quoted on application

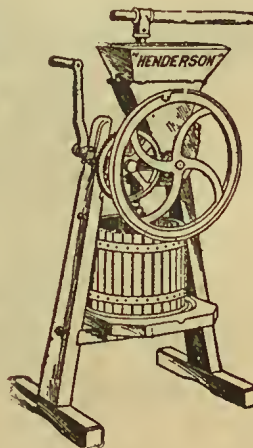
The "Henderson" Corn Sheller

With Cob Separator, Fan and Feed Table



This is the best one-hole Sheller made. The hopper is adjustable and it shells the largest as well as the smallest ears with the same ease and perfection. The cobs are thrown out of one spout and the shelled corn, after being fanned of chaff and impurities, flows out from another spout. The feed table is a great convenience and facilitates rapid work. The balance wheel is extra large, giving great momentum and making it the lightest-running Sheller on the market. The gearing is all inclosed, preventing accidents. It is handsomely painted and finished. Price, complete (as shown in the cut), \$21.00

THE HENDERSON Improved Cider Mill



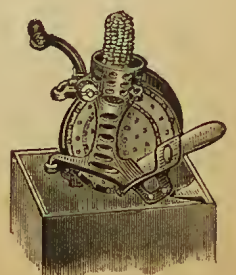
A greatly improved combined mill and press, most durably made and braced. The hopper will hold nearly half a bushel of apples, and the crushers are so constructed that it is self-feeding and does not require the use of a stick to force the apples into the crushing rolls as do so many of the other styles of combined mill and press. It will grind apples, grapes, currants, berries, in fact all kinds of fruit used for either cider, vinegar or wine. The improved gearing is outside and the greatly increased speed combined with ease of operation, enables one person to grind from 15 to 20 bushels of apples per hour. The curb measures 12x12 inches and holds the pomace of about 2 bushels of apples. Price, \$16.00.

The "Black Hawk" Corn Sheller

Fastens to a box quickly and securely by clamps which are furnished free with each machine.

It is recognized as a standard sheller and no machine has ever given more universal satisfaction.

The "Black Hawk" Sheller shells corn for home use and poultry. Its construction is such that it cannot choke, is durable, malleable iron is largely used in its construction. Bearings that are subject to wear are long and thoroughly chilled. It will last a lifetime, is simple, easily adjusted and will shell clean all kinds of field corn. Price, \$2.75 each.





WIRE LEAF RACK



HAND-CART BOX



SPRINKLER



SPRAY PUMP

Henderson's "Man-Size" Water Barrel Trucks and Accessories

The Barrel, capacity about 50 gallons, is raised from the ground, carried to the place desired, and can be readily disconnected from or attached to the truck while barrel is either full or empty. We supply as extra attachments the following: A Box with trunnions and spring catch, making a very superior dumping Hand-cart. A Sprinkler, invaluable for watering lawns and sprinkling walks (water is turned on and off by hand wheel and ball valve). A Leaf Rack, very useful for removing leaves and litter. A Force Pump for spraying, etc. (For a Spray Pump we recommend our "Fruitall" offered on page 58.)

PRICES OF HENDERSON'S "MAN-SIZE" WATER BARREL TRUCKS AND ACCESSORIES

Water Barrel-Truck, 1½ in. tire, \$16.00; with new 50-gallon barrel. .	\$20.00
" " " 2½ " " " 17.00 " " " " " " " " " " " "	21.00
" " " 3½ " " " 18.00 " " " " " " " " " " " "	22.00
Extra 50-gallon barrel. .	4.00

Hand-cart Box Extra. .	\$6.00
Leaf Rack. .	12.00
Sprinkler attachment. .	5.00
Extra trunnions, per pair. .	.50



Fig. A

Indispensable for handling fruit, garden truck, grain or anything in baskets, boxes or kegs.

Platform hangs low, rides level, easily loaded and unloaded.

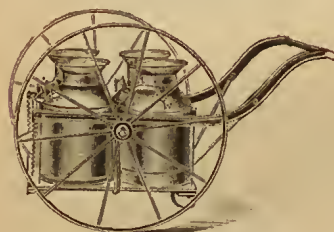


Fig. B

Holds four milk cans. In great demand in the creamery and dairy; low platform saves heavy lifting.

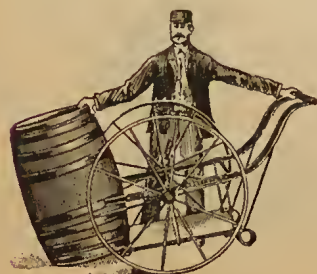


Fig. C

Tilts forward and picks up a barrel or heavy article like a warehouse truck. Any barrel can be handled. Useful for spraying.

Small or 30 Gallon Size Barrel and Truck

A very convenient outfit easily pulled about and of sufficient capacity for many purposes. The various accessories may be purchased separately or in combination. The truck has 30-inch iron wheels with 2-inch rims. The barrel is about half size—holding 30 gallons, spray pump easily attached. The box is 20½x39½x7 inches, handy for carrying tools, garden truck, etc., the rack is 20x54x24 inches, very handy for collecting leaves, litter and bulky garden and farm products. For a spray pump suitable for this 30-gallon barrel, we recommend our Fruitall offered on page 58. Price, Truck only, \$9.50; Barrel with trunnions, \$2.50; Hand Cart box, \$4.00; Rack, \$7.00.

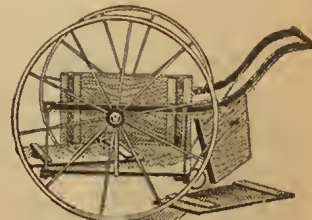
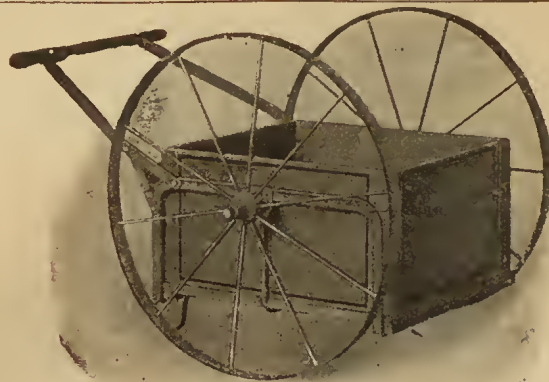


Fig. E

Side boards and ends can be put on or taken off in a few moments. Easily loaded as a wheelbarrow.

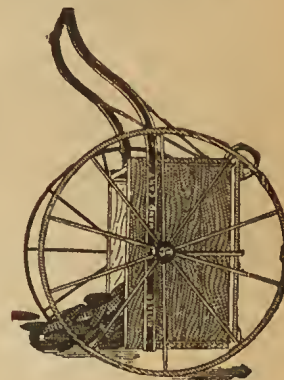


Fig. F

Can be turned over and load dumped without shoveling.

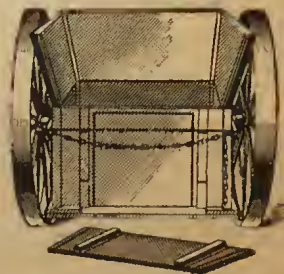


Fig. G

Flaring Hopper.—Sides and ends 12 inches high, extend upward and outward from the regular cart box, for handling leaves, trash, grass, ensilage, manure, etc. Capacity, 13 cubic feet, or about 11 bushels. Showing wheels with 3-inch tires.

The Butler Steel Hand Cart

The Butler Steel Hand Cart fills the want for a two-wheel cart better than any other invention. Its usefulness is unlimited, and is not confined to one special purpose.

It will handle fruit, garden vegetables, grain, leaves, cut grass, trash, ensilage, manure, fertilizer, tools, barrels, kegs, boxes, packages, etc. Nothing equals its perpetual usefulness about the lawn, yard, stable, farm, dairy, creamery, garden and orchard.

Light in weight, great strength and easily handled. If numbers sold is any criterion of merit, this is unquestionably the cart of the future.

DESCRIPTION

Wheels.—Steel, 36 inches high. Tires.—Regular 2¼-inch or 3-inch. Width.—Between wheels, 36 inches; from out to out of hub, 42 inches. Axle and all frame parts steel. Will easily sustain a load of 500 pounds. Platform.—Hard wood, 28x32 inches. Side Boards.—15 inches high, hard wood, instantly removable, leaving cart in shape for handling barrels, boxes, milk cans, etc. Flaring Hopper.—Sides and ends extend 12 inches above the box. Painting.—Body red, neatly striped; wheels bright green.

PRICES, BUTLER STEEL HAND CARTS	With 2¼ inch Tire		With 3 inch Tire	
	Price	Weight	Price	Weight
No. 1. Plain, without box (Figs. A, B, C).....	\$12.50	95 lbs.	\$16.00	125 lbs.
No. 2. With detachable box (Figs. D, E, F).....	16.50	125 "	20.00	155 "
No. 3. With detachable box and flaring Hopper (Fig. G).....	21.50	150 "	25.00	180 "

NOTE.—Unless otherwise ordered, we send 2¼-inch tire wheels.

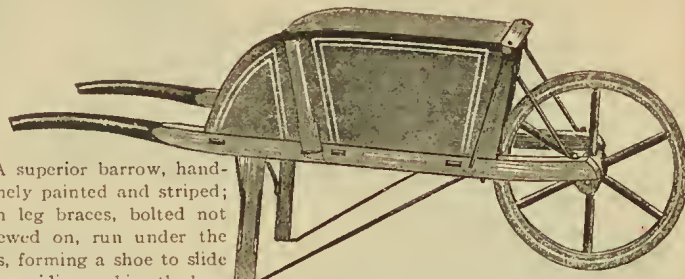
Lawn and Stable Barrow



Extra Large
and
Extra Strong

Our Lawn and Stable Barrow is designed for extra heavy work and has a large capacity, adapting it for manure, lawn litter, etc. box 25 inches wide by 32 inches long by 18 inches deep. Price, \$8.50.

The Regulation Garden Wheelbarrow



A superior barrow, hand-painted and striped; iron leg braces, bolted not screwed on, run under the legs, forming a shoe to slide on, avoiding racking the barrow; iron bands shrunk on hubs. No pine used in these barrows.

Number	Size	Length Box	Width of Box		Box Depth	Diam. Wheel	Tread	Price
			Wheel End	Handle End				
No. 2.....	Boy's.....	21 in.	15½ in.	18 in.	9 in.	16 in.	1½ in.	\$5.25
No. 4.....	Medium...	26½ "	18½ "	23 "	12 "	20 "	1½ "	6.50
No. 5.....	Large.....	28 "	20 "	24 "	12 "	22 "	1½ "	7.00

Wheelbarrow Leaf Rack



WHEELBARROW LEAF RACK

A handy device for collecting leaves and litter. It fits on any wheelbarrow with removable sides. It is made of galvanized wire bolted to a wooden base; capacity about 10 bushels. Price, (rack only), \$6.00.

Portable Refuse Burner

A portable steel rack for the rapid and convenient destruction of all leaves, refuse and waste matter. In reality a two-wheeled hand cart (for which purpose it can also be used) made of strong steel angle iron and heavy steel netting, which is fireproof and guaranteed not to burn out. Is fitted with broad-tired wheels, which enables it to be pulled along, with the cleaning up squad on lawns or soft ground without injury. A strong steel pan is fitted under the axle, which catches all the fire and ashes as they fall through the bottom. This pan can easily be emptied as needed. Thus the unsightly burned spots on lawns and black streaks of ashes on paths and drives is done away with and all danger of fire eliminated.

No. 2—Capacity, ¾ cubic yard (about 15 bushels).....\$25.00
No. 3—Capacity, ½ cubic yard (about 10 bushels).....15.00

Sun Dials

Sun Dials are very unique and interesting ornaments for the lawn or garden. We supply the figured plates, all ready to screw on or cement to the pedestal or post. The figures, etc., are of raised metal; diameter of plate, 10 inches.

Cast Iron, Japanned black, gilt figures, (P.P. 6 lbs.) \$2.50.

Bronze, polished figures, etc., (P.P. 8 lbs.) \$10.00.



SUN DIAL

Copper Weather Vanes

The vanes are made entirely of copper and brass, and points of compass are of cast iron. The upright rods or spires are of wrought iron with steel spindles on which the vanes revolve. All parts are well painted, revolving sections, balls and letters, points of compass are gilded with 22 karat gold leaf. We can supply various designs. Horse, Automobile, Arrow, Cow, Deer, Dog, Eagle and Rooster in various sizes, varying from \$6.00 and upward each. Special Circular mailed on application.



COPPER WEATHER VANE

Standard Rubbish Burner



STANDARD RUBBISH BURNER

A very convenient basket-like arrangement, durably made of galvanized wire with heavy iron supports, for the disposal of leaves, rubbish, papers, etc., in the open air. Made in two sizes.

Price, Small size, 15 ins. diam., 24 ins. high.....\$4.00
Large size, 20 ins. diam., 35 ins. high.....7.00

SEND YOUR ORDERS EARLY. Transportation facilities are going to be overtaxed. AVOID POSSIBLE DELAY

The Ball Celery Bleaching Tubes

JUST THE THING FOR QUICKLY AND EASILY

BLANCHING EARLY CELERY

ELIMINATES THE LABOR OF "BANKING UP" OR BUYING, HUNTING UP AND PLACING BOARDS. JUST SLIP ON A "BLEACHING TUBE" AND IN 10 TO 15 DAYS HAVE WHITE, CRISP, LUSCIOUS CELERY.

The Ball Celery Bleaching Tubes are of specially manufactured heavy paper, waterproofed, and with care may be used over and over again for several years. The celery plant is simply drawn together and the tube slipped over it (if the Spring Brass Celery Handler is also used it facilitates the operation); all light is then excluded and the celery blanches beautifully in from 10 to 15 days' time. If there are any openings beneath the tube, an inch or two of soil drawn around the tubes will shut out the light. Celery blanched with tubes is sweeter and cleaner than that blanched by banking, for there is no earthy flavor as with the latter, and no soil with the frequent accompaniment of worms gets down into the heart stems; and besides celery may be had for the table very much earlier in the fall, because by using tubes they may be placed over the plants at any time after the celery is large enough, even in hot, moist weather which would cause banked celery to rot. The free circulation of air around the plant inside the tube allows it to dry out quickly after a rain. Customers who use these tubes place a few for first early—say, 12 or 25 tubes over as many plants—and in a week or 10 days later tube another lot of plants, then as the tubes are removed from the first lot they are placed over other celery plants; in this way a continuous supply of fresh, crisp, sweet and delicious celery is always ready for the table until freezing weather. For the benefit of those who have used only the soil method of bleaching we mention that celery should be nearly full-grown before putting on our bleaching tubes. At this time, with plenty of moisture, heart growth is very rapid. Under these conditions celery will often be in prime condition in from 8 to 14 days after putting on the tubes.

These bleaching tubes are generally used on early celery in the Northern and Middle States, also in the South where the temperatures are too high for soil bleaching. For best results they should not be used for bleaching when freezing temperatures occur at night. They bleach best when outside temperature is from 50 to 75 or more degrees. If you desire to bleach the green or late varieties of celery it is best to put on the bleachers a week or more earlier so as to give a longer period for the growing of the heart, as the outside stalks don't bleach very well. All plants should, of course, be large enough to reach above the top of the bleaching tubes at the time that you put them on.

Green celery treated in this manner makes a superior product. For the late or winter crops where a clean and superior celery is desired these bleachers can be put on just before banking with soil; they will prevent dirt from entering the heart of the plant. When used in this manner the bleachers can be only used once, but the superior results—sanitary cleanliness and freedom from dirt—more than compensate the cost, especially for private use.

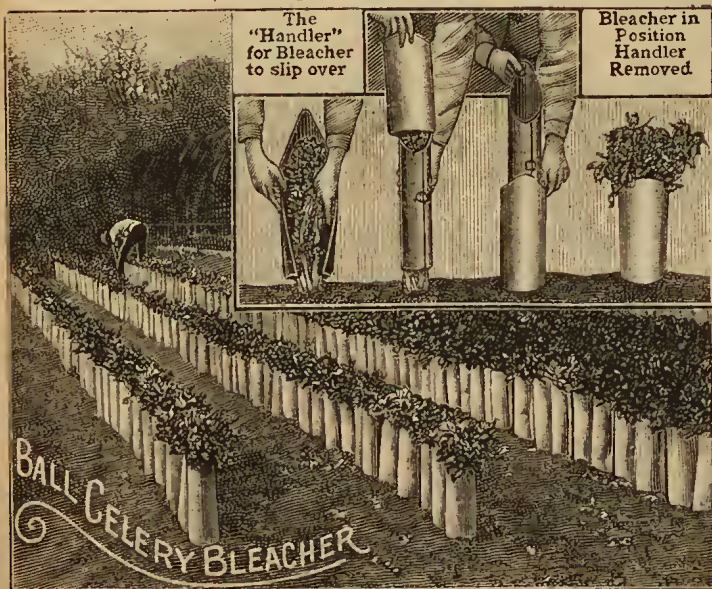
The 6x12 size is usually used on medium or average size celery; the 6½x13 for large stalks. The 7x14 is best for very big celery, especially the green varieties, which usually grow much larger than the self-blanching kinds.

The bleachers should hug the celery close, but not tight. If an unusually large plant is encountered trim off a few leaves.

PRICE OF THE BALL CELERY BLEACHING TUBES

6 x12 inches.....	30c. doz.	\$1.75 per 100	\$16.00 per 1000
6½x13 ".....	35c. "	2.00 " "	18.00 " "
7 x14 ".....	40c. "	2.50 " "	20.00 " "

(Mail weight, about 2 lbs. per doz.)



The Ball Lightning Celery Handler

When putting on the paper bleaching tubes, it facilitates the operation by using the Ball Lightning Celery Handler. This is a spring brass implement which gathers up the foliage so that the bleaching tubes can be placed without damage to the plant. This operation is demonstrated in picture. With a little practice a boy can place 3,000 to 4,000 tubes a day. Price, \$3.50 (mail weight, 3 lbs.).



Bird Netting

TO PROTECT FRUITS, VEGETABLES, ETC.

What is more exasperating than to anticipate a liberal picking of some fruit to find when you reach the garden that your bird neighbors have been there before you and consumed or destroyed the ripest and choicest berries, grapes or cherries, of which some birds are voraciously fond. Lettuce and peas are often ravaged by birds, even flowers are not immune from their attacks, and they revel among some plants' ripening seeds. All this may be obviated by shutting the birds out with bird netting. This is a good quality cotton netting of 1 inch mesh and comes in 20

foot and 30 foot widths and of any reasonable length. Price, \$1.50 per 100 square feet; P. P. 1 lb.

Patent Protecting Cloth

Prepared to prevent mildewing and rotting; valuable for protecting plants from frost, covering hotbeds and frames in spring in lieu of glass, for Chrysanthemum houses. One yard wide.

PRICES

Heavy Grade, per piece of 50 yards.....	\$15.00
Medium Grade, per piece of 50 yards.....	10.00



Plant Protectors



These protectors are well made—a wood framework covered with good white muslin which is drawn to a knob at the top to be used as a handle. The uprights project below the bottom bow and thrust into the ground, acting as an anchor to prevent the protectors from being displaced by the wind. These projecting legs also permit the protectors to be raised and held slightly above the ground when greater ventilation is desirable. The protectors are so shaped that they nest one into another like flower pots for storage and shipment. They will last for years with good care and may be used over and over again for advancing the growth of tender plants and protecting them from frosts. Tomatoes, melons, cucumbers, egg plants, peppers and many other garden vegetables and flowering plants may be safely set out much earlier than usual by using these Plant Protectors, which will also be found useful for shading lettuce and spinach

during hot weather—which without some shade are apt to quickly bolt to seed. These protectors are also valuable placed over newly set out plants, preventing them from wilting, as they give just the right shade.

PRICES

No. 1—9 inches diameter by 12 inches high.....	\$3.00 doz.	\$23.00 per 100
No. 2—12 inches diameter by 15 inches high.....	3.50	27.00 " "

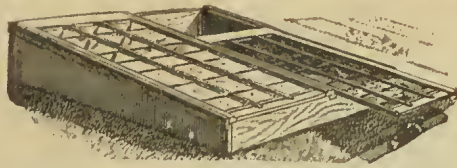


Twemlow's Old English Glazing Putty

A semi-liquid putty that we find superior to any other of similar character for glazing greenhouses and hotbed sash. We use it with a Scollay's Rubber Putty Bulb, and if the putty is too thick at times, we thin it with a little boiled linseed oil. When so thinned it can be brushed into any crack

or leak, making a solid filling. For bedding glass in, for filling cracks or seams in roof joints and frames it is splendid, being impervious to moisture; and when set on dry wood it does not heave and will not crack nor peel. One gallon glazes about 300 lineal feet. Price, 1 quart, 75c.; gallon, \$2.60. Rubber Putty Bulbs for applying, \$1.00; P.P. 1 lb.

Prices of IMPLEMENTS, FERTILIZERS and INSECTICIDES are subject to change without notice.



HOT BED FRAME AND SASH

HENDERSON'S "REGULATION" UNGLAZED HOT BED SASH

These sashes are of No. 1 Gulf Cypress free from knots and sap. They measure 3 feet wide by 6 feet long and 1 1/4 inch thick. They take five rows of 6x8-inch glass (1 box of glass, 150 panes glazes three sash). They are unpainted. They are well and durably made and we sell thousands of them every year with evident satisfaction to purchasers. Price, \$1.60 each; \$17.50 per doz. F.O.B., N. Y.

HENDERSON'S "EXTRA FINE" UNGLAZED HOT BED SASH

These are made of selected Red Gulf Cypress, free from knots and sap. They have finished edges and an iron crossbar in the center. Size, 3 feet wide by 6 feet long and 1 1/4 inches thick, and take three rows of 10x12-inch glass (1 box of 60 panes of glass glazes three sash). They are unpainted, but the joints were white leaded before being put together. They are largely used on private places and by florists and gardeners who wish less shade than is cast by five-row sash. Price, \$2.00 each; \$22.00 per doz. F.O.B., N. Y.

HENDERSON'S "EXTRA FINE" GLAZED SASH

This is the same sash we describe above, 3x6 feet, 1 1/4 inches thick, painted two coats of white and glazed with three rows of double thick 10x12-inch glass. Price, \$3.50 each; \$60.00 per doz. F.O.B., N. Y. Packing for shipment, 50c. per crate extra. (See note below regarding packing and shipping glazed sash.)

HENDERSON'S GLAZED "DOUBLE-LIGHT" SASH

"Double-Light" Sash have two layers of glass, an upper one glazed in the usual way, and a lower layer which is slid into grooves on the underside of the sash, thus leaving an air space between the two layers that acts as an air cushion or insulator keeping the cold out and the warmth in, thus rendering the use of mats or shutters in severe cold weather unnecessary. The plants therefore receive the full benefit of sun and light every day in localities where there is not much snowfall—unless the snow can be swept off—which is of great advantage especially during the short winter days. Henderson's "Double-Light" Sash is made of best Red Gulf Cypress, painted two coats of white and contains three rows of 10x12-inch double thick glass. Size of sash 3 feet wide by 6 feet long. Price, \$9.50 each. Packing for shipment, 50c. per crate extra. (See note below regarding packing and shipping glazed sash.)

HENDERSON'S HOT BEDS AND COLD FRAMES

Made of best cypress lumber, planed and painted two coats. The corners join by bolting on angle irons. The rails between the sash are rabbetted for the sash, grooved for drip and dove-tailed into the sides. Strong, durable and portable. Can be taken down for convenient storage when not in use; 8 inches deep in front, 16 inches deep at back. We ship them "knocked down," but they are quickly and easily put together by anyone.

Prices DO NOT include sash (for prices of sash, see opposite column)

No. A.—For 2 3x6 ft. sash... \$11.00 No. C.—For 4 3x6 ft. sash... \$17.00
No. B.—For 3 3x6 ft. sash... 14.00 No. D.—For 5 3x6 ft. sash... 20.00

HENDERSON'S DEEP COLD PITS

For wintering bulbs, carnations, dormant roses, etc.

Above ground they are the same as the hot bed frames offered above, and, in addition, have posts and 2-inch lumber for siding up the excavation, 18 inches below the surface. We ship them knocked down.

Prices DO NOT include sash (for prices of sash, see opposite column)

No. E.—For 2 3x6 ft. sash... \$21.50 No. F.—For 3 3x6 ft. sash... \$26.00
No. G.—For 4 3x6 ft. sash... 30.50 No. H.—For 5 3x6 ft. sash... 35.00

HENDERSON'S "HALF-WIDTH" HOT BEDS AND COLD FRAMES

These "Half-Width" frames (34 inches wide) are made of the same lumber etc., and painted just the same as the full sized frames described above, excepting that they are 12 inches above ground at the back which gives the same pitch to 3x3-foot sash as a 16-inch back does to full 6-foot length sash. Our frames are all shipped "knocked down" but they are quickly and easily put together by anyone.

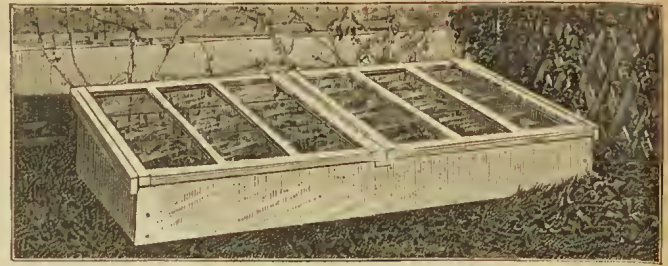
Prices do not include sash. (For prices of "Half-Length" sash see opposite column.)

"Half-Width" Frame for one sash, \$5.00; for two sash, \$8.00; for three sash, \$10.00; for four sash, \$12.00; for five sash, \$14.00; for six sash, \$16.00.
"Half-Width" Cold Pits for one sash, \$9.00; for two sash, \$15.00; for three sash, \$18.00; for four sash, \$20.00; for five sash, \$24.00 for six sash, \$27.00.

Special Note Regarding the Packing and Shipping of Glazed Sash

For shipment, glazed sash must be crated and boarded up on both sides, for which an extra charge is made of 50c. per crate for full size, 3x6 ft. sash, and 35c. per crate for "Half-Length," 3x3 ft. sash. Up to six sash can be packed in one crate.

GLAZED SASH SHIPPED AT PURCHASER'S RISK.



"HALF-WIDTH" FRAME AND "HALF-LENGTH" SASH

HENDERSON'S "HALF-LENGTH" SASH UNGLAZED

These are made in the best manner of A1 Gulf Cypress, 1 1/4 inch in thickness and 3x3 feet square, taking three rows of 10x12-inch glass (1 box of 60 panes glazes 6 "Half" sash). Price, \$1.50 each; \$16.50 per doz. F.O.B., N. Y.

HENDERSON'S GLAZED "HALF-LENGTH" SASH

These are the above described "Half" sash painted two coats of white and glazed with double thick 10x12-inch glass. Price, \$4.00 each; \$44.00 per doz. F.O.B., N. Y. Packing for shipment, 35c. per crate extra. (See note below regarding packing and shipping glazed sash.)

HENDERSON'S "DOUBLE-LIGHT, HALF-LENGTH" SASH

These possess all of the advantages of the full size "Double-Light" sash described above, but are only half the size, viz.: 3x3 feet square, they are painted two coats of white and glazed with three rows of 10x12-inch glass on top with bottom rows of glass slid in grooves on the under side. Price, \$5.50 each; \$60.00 per doz. F.O.B., N. Y. Packing for shipment, 35c. per crate extra. (See note below regarding packing and shipping glazed sash.)



Hot Bed Mats

HENDERSON'S Hot Bed and Cold Frame Mats

To Protect Plants from Frost in Winter and Spring

These are made of cotton drill, warmly lined with waste wool and cotton which is quilted in to hold position. A trial for two winters proved they do not harbor mice or other vermin. They will not hold moisture, and will not rot or mildew.

Prices, size 40x76, \$1.75 each; \$19.00 per doz.; 76x76, \$3.00 each; \$33.00 per doz.

WATERPROOF MATS

These are filled with cotton and wool waste and quilted the same as the Cotton Drill Mats described above. The waterproofing on one side sheds water, and prevents them from getting "soaked through."

Prices, size C, 40x76 inches, \$2.00 each; \$22.00 per doz.; size D, 76x76 inches, \$3.50 each; \$37.50 per doz.

RYE STRAW MATS

Being made in the best manner of long rye straw and best tarred cord they are invaluable for throwing over cold frames, hot beds, etc., during the coldest weather; they roll up and can be stowed in small space.

Prices, size 3x6 feet, \$1.45 each; \$16.00 per doz.; size 6x6 feet \$2.35 each; \$26.00 per doz.

Perfection Glazing Points

The finest glazing points on the market; the glass cannot slip; they are quick and easily put in with special pincers or may be driven in; no "rights and lefts" to bother with.

The points will hug close to glass when driven.

Price, per box of 1,000, 75c., P. P. 1 lb.; pincers, price per pair, 70c., P. P. 1 lb.

DIAMOND GLASS CUTTER

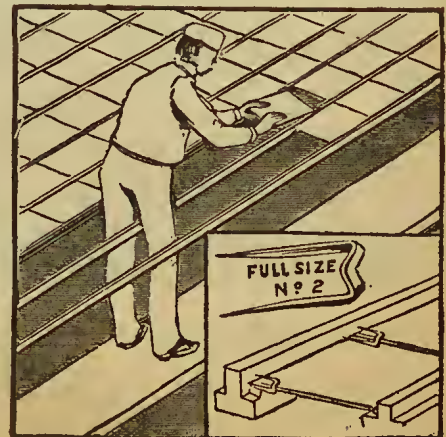
A diamond in one corner and a wheel in the other, thus giving a sure cut. Will never lose the point.

Price, \$4.50.

CHEAP GLAZING TOOL

For the price this is a very satisfactory little implement—cuts with a little steel wheel.

Price, 15c. each; \$1.50 per doz.; postage 2c. each extra.



PERFECTION GLAZING POINTS.

Prices of IMPLEMENTS, FERTILIZERS and INSECTICIDES subject to change without notice.

"EL-FLO" Kitchen and Outdoor Cannery

Every home should have an outfit of some size. It means the first step toward cheaper and better living. If you have only a small quantity of fruits and vegetables, get the No. 14 or No. 24 outfit and put them up in the most delicious manner known to science.

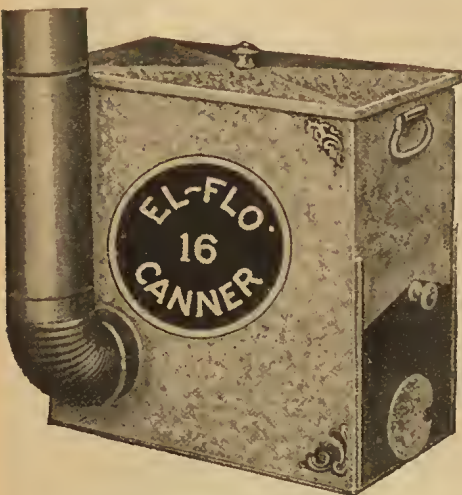
The No. 14 holds 14 No. 3 cans, or 7 quart jars, at each filling, having daily capacity from 80 to 150 quarts of average fruits and vegetables. The boiler is 14 inches wide and 12 inches high with oval shaped, close fitting cover and large combination tray. Price, \$4.75.

The No. 24 holds 24 No. 3 cans, or 12 quart jars, at each filling, having a daily capacity of 125 to 200 quarts of average fruits and vegetables. The boiler is 12 inches high by 14 inches wide by 19 inches long with close fitting cover and combination tray. Price, \$5.75.

The No. 14 packed for shipment weighs 15 pounds. The No. 24 packed for shipment weighs 20 pounds. Be governed by the above weights and include sufficient postage if wanted by Parcel Post, otherwise same will go by Express.

DESCRIPTIONS, CAPACITIES AND PRICES OF VARIOUS SIZES

"EL-FLO" NO. 30—LARGE FAMILY OUTDOOR CANNER. The most convenient general family size and very efficient. It holds the world's record for the most economical pack and is largely used by the U. S. Government demonstrators, many truckers and hundreds of private families. It has no superior nor even an equal for its size anywhere. Every modern convenience is embodied in this outfit. The contents of each can or jar are processed uniformly and just right and will remain so indefinitely. It holds 30 No. 3 cans or 15 quart glass jars at each filling. Caring for about 1½ bushels of the average vegetables or fruits at a time. The outfit comprises boiler 23 inches long by 14 inches wide by 23 inches high, cover, capping steel, tipping copper, two combination trays, tray lifters, can tongs, can filler, flux cord, two joints pipe and book of instructions. Price, complete, \$15.00.



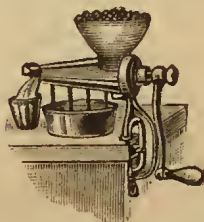
"EL-FLO" NO. 16—SMALL FAMILY OUTDOOR CANNER

Very light, portable and convenient. Most efficient for canning either in tins or glass. It will take care of quite a large quantity of fruits and vegetables during the season if kept busy as it holds at each filling 16 No. 3 cans or 8 quart glass jars. Caring for about ¾ bushel of the average vegetables or fruits at one time. The outfit consists of boiler 18 inches long by 10 inches wide by 18 inches high with cover, combination tray, capping steel, tipping copper, can tongs, tray lifters, two joints pipe and elbow, can filler, flux cord and book of instructions. Price, complete, \$10.00.

"EL-FLO" NO. 24 TWO HOLE KITCHEN CANNER

A larger capacity canner than the above that fits over any two holes of any stove or range. Where canning is to be done in the kitchen, this will be found a most satisfactory size—being light in weight and easily moved about. It holds 24 No. 3 cans or 12 quart glass jars. Caring for about 1½ bushels of the average vegetables or fruits at one time. The outfit consists of boiler 19 inches long by 11 inches wide by 12 inches high with cover, two combination trays, tipping copper, can tongs, tray lifters, flux cord, can filler and book of instructions. Price, complete, \$5.75.

Fruit, Wine and Jelly Press



Superior, simple, easily operated, saves all rehandling, as it extracts the juice and ejects the skins and seeds in one operation; it can be used for many purposes, including the making of wine, jellies, fruit butters from grapes, currants, quinces, pineapples, tomato catsup, etc. Prices, family size, capacity 1 qt., \$5.00; 3 qts., \$32.00.



"EL-FLO" NO. 64—CAFE AND HOTEL OUTFIT

This outfit, with a little forethought and a little cash, means a year's supply at a little cost, or if sold would return a big profit. This size is often purchased by parties who do not wish to take in canning, but who prefer a large capacity outfit, which can be used for many purposes, such as heating water for stock, scalding hogs, cooking food, and for canning and washing at will. The owners of this outfit are hearty in their praises for same. We unhesitatingly recommend the EL FLO No. 64 to fill your every requirement. This outfit holds 64 No. 3 cans, or 32 quart jars at each filling. Daily capacity of average fruits and vegetables, 1,000 to 1,400 No. 3 cans; of tomatoes 1,278 quarts, or 71 bushels.

Dimensions of boiler, 19 inches wide, 23 inches high, 33 inches long. Fire box, 9x12x36. Return flue, 3x8x35. 1 reinforced cover, 2 large combination trays, 2 joints of pipe, 1 elbow, 1 combination heavy steel sliding door with draft and capping steel opening together with all canning accessories as shown in photograph. Shipping weight is 90 lbs.

EL Flo No. 64, price, complete, \$30.00.

Meat Chopper

The meat is cut perfectly, not torn, adapted for making sausage, mince meat, hash, Hamburgersteak, croquettes, chicken and lobster salads, chopping peppers, coconuts, horseradish, meat for beefsteak, corn for fritters, etc. Small size, 1 lb. a minute. \$2.50; large size, 2 lbs. a minute. Price, \$4.25.



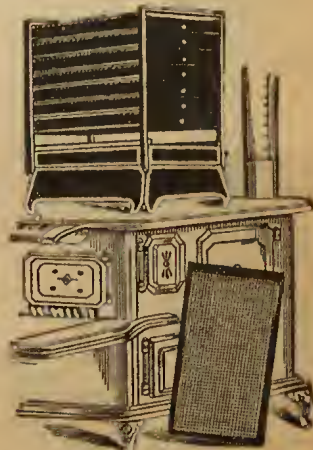
Cook-Stove Fruit Dryer or Evaporator

This is the latest, cheapest and best machine of its kind on the market. It can be used on any kind of stove. Its dimensions are: Base, 22x16 inches; height, 26 inches. Containing eight galvanized wire-cloth trays. Weight, 25 lbs. No extra fire is required. It is easily set off and on the stove, as needed, whether empty or filled with fruit. With it you can evaporate all kinds of fruits, berries, and vegetables.

Price, \$7.50.

The Favorite Jelly Strainer Holder

This strainer holder is appreciated by every house keeper who makes jelly or uses a strainer for any purpose. The cloth can easily be removed for cleaning and the rings and rod are plated to prevent rust and tarnishing, standard jointed so that it may be packed away in small space. Price, in pasteboard box complete with bag, \$1.25. (Mail weight, 1 lb.)



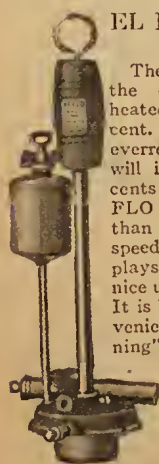
COOK-STOVE FRUIT DRYER



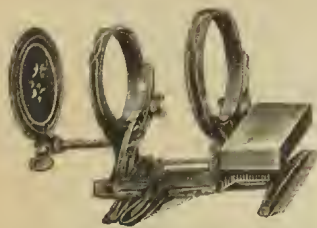
FAVORITE JELLY STRAINER HOLDER

EL FLO CONTINUOUS HEATING CAPPING STEEL

The solution to sealing problems. To the defective sealing by improperly heated tools is attributed the greater per cent. of loss in canned goods—thus the everready, evenly heated capping steel will insure you against chance. Five cents worth of gasoline will run the EL FLO heater a whole day—sealing more than 1,000 cans—limited only by the speed of the operator. A blue flame plays continuously on the steel, keeping a nice uniform heat the whole day through. It is light, neatly finished, compact, convenient and never requires any "tinning" or "fluxing." Perfectly safe, and is as simple and easily operated as a lamp. No experience whatever is needed to do perfect and rapid sealing from the beginning. Three styles and made in all sizes. The heat is applied on either side, top or interior of steel. EL FLO Continuous Heater, with capping steel "tinned," key and pump, any size, \$4.75.



EL FLO CAPPING STEEL Continuous Heating

WATT'S
ASPARAGUS BUNCHER

The Best Buncher Made

May be adjusted by simply loosening the bolts at either end and pulling out the arms to fit; thus both ends of asparagus can be bunched properly. As the asparagus grows larger at one end than the other this will be found at a great advantage, as both ends can be regulated. Price, 1-lb. size, \$3.50; 2-lb. size, \$3.50. P.P. 10 lbs.

HANDLED BASKETS



Best oak splint, stiff bail, round rim.
1/2 bushel, 75c.

FARMER'S BASKETS

Best Oak Splint
Hand Made



Each Bushel... \$0.90
1 1/2 bush. 1.50
2 " 1.75
3 " 3.00

MEHLER'S Handy CULTIVATOR and WEEDER

Works with ease—Saves the knees

An entirely distinct tool, 5 1/2 ins. wide with a special handle 4 1/2 ft. long; entire weight, 2 lbs.

Note the special arrangement of the 5 teeth, which allows cultivation closer to the plant than any other device and at the same time on three sides at one stroke; you being in a comfortable standing position.

No hoe is needed where this tool is used; just the thing for working among flowers and young vegetable plants.

Price, \$1.00 each.



ASPARAGUS KNIVES



American straight edge, each, 45c.; American V-shaped knife, small, each, 45c.; large, 60c. English, saw-tooth edge, each, \$2.00. P.P. 1 lb.

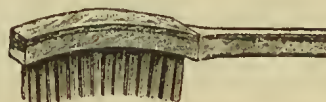
BRUSH AXE



This is an excellent tool for trimming out underbrush, cutting down old berry hedges, etc.
Price, handled, \$2.00.



Made to order, with any name or initials for marking tools and implements. 1/4, 3/8 and 1/2-inch letters. Price, with 5 letters or less, \$2.00. Additional letters, each, 40c.

STEEL
WIRE TREE BRUSH

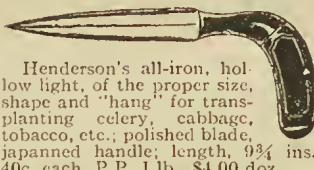
No. 160 For large trees... \$2.00
" 161 Fastens to pole for large trees... 2.25
" 162 For branches and young trees... 2.00

AXES



Best quality handle. Light, 2 1/2 lbs., \$1.50; medium, 3 lbs., \$1.75; heavy, 3 1/2 lbs., \$2.00.

DIBBERS OR DIBBLES

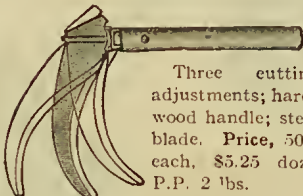


Henderson's all-iron, hollow light, of the proper size, shape and "hang" for transplanting celery, cabbage, tobacco, etc.; polished blade, japanned handle; length, 9 3/4 ins., 40c. each, P.P. 1 lb., \$1.00 doz.
Wood Handle Dibbers, 8 1/2 ins., 50c., P.P. 1 lb., each, \$5.00 doz.; 9 3/4 ins., 60c., P.P. 1 lb., each, \$6.00 doz.

BRASS DIBBER



The best kind; being brass it scours bright, works easy and will not rust. 75c. each, P.P. 1 lb., \$7.50 doz.

ADJUSTABLE CORN
HOOK

Three cutting adjustments; hardwood handle; steel blade. Price, 50c. each, \$5.25 doz., P.P. 2 lbs.

THE "PULL-EASY"
CULTIVATOR

This new garden tool is ideal for cultivating, stirring and pulverizing the soil between rowed crops; the teeth of cold pressed steel are unbreakable and are shaped and pitched just right to penetrate the ground without down pressure and pull easily. The frame is hinged in the middle so it can be adjusted—opened or closed, adapting the tool to different widths of rows between 7 and 18 inches, or the center tooth may be removed allowing the cultivator to "straddle" the row, i.e., work both sides of one row. The handle of tough smooth white ash is 4 1/2 feet long so that stooping is not necessary. Winged thumb nuts on the bolts facilitates the adjustments. Cultivating the garden with the "Pull-Easy" is a pleasure. Price, \$1.50.



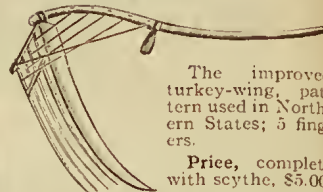
GRAFTING MALLET
70c.

GRAFTING KNIFE
AND CHISEL
Handled, \$1.50

SERRATED EDGE
CORN KNIFE

Finest steel. Balanced handle, is not point heavy. Each, 50c.; \$5.00 doz.; P.P. 3 lbs.

GRAIN CRADLES



The improved turkey-wing, pattern used in Northern States; 5 fingers.

Price, complete with scythe, \$5.00.



GARDEN LINES

Braided cotton, 100 feet, 90c., P. P. 2 lb.

GARDEN LINE REELS

Malleable, P.P. 3 lbs., 75c.

GRAPE BAGS



To enclose the growing bunches of grapes as a preventive of Mildew and Black Rot, as well as attacks of Bees, Wasps and other insects has been largely practiced of late years with excellent results. The fiber bag although a trifle higher in cost is

the most serviceable.

Glazed Paper Bags, 7 1/2 x 9 inches, per doz., 30c., per hundred, \$1.75. 4 1/2 lb. Square Bottom Bags, \$1.40 per hundred.



TROWBRIDGE'S GRAFTING WAX

GRAFTING WAX
(Trowbridge's)

The best grade on the market.
1/2-lb. pkg., 25c.;
1-lb. pkg., 40c.

THE NORCROSS Long
Handled CULTIVATORS and
WEEDERS

Most useful of hand Garden Tools. It will pull out weeds, pulverize the ground thoroughly, leaving it level.

It will work between rows or the center shovel can be removed and the row straddled if desired.

It is light, weighing but three pounds including long handle. Price, 3-prong, 75c.; 5-prong, \$1.15.



MEHLER'S HANDY EDGER.

The handle at one side gives full view of the work the entire width of the edger and the handle being at your side, permits the edger to be drawn with a knife-like action instead of chopping, thus insuring a straight line. Where foot pressure, is applied, there is a $\frac{3}{8}$ of in. surface directly over the center of the tool, thus forcing the full width of the tool. Price, \$1.35.

"HALF MOON" GRASS AND TURF-EDGING KNIFE.

For trimming the sod around borders of walks, etc. Price, with handle, 75c. each.



MEHLER'S HANDY EDGER

HALF MOON TURF-EDGING KNIFE.

HENDERSON'S POTATO DIGGING FORK.

Expressly made for digging potatoes and root crops. It has 6 round, heavy tines, 10 inches long, with points not too sharp. Made with extra long "D" handles, strongly strapped. The best tool for the purpose. Price, \$1.65.



THE LOCK LEVER POST HOLE DIGGER.



The "lock lever" is automatic and locks the blade at right angles so that both hands are used in lifting the loosened earth. It works successfully in all kinds of soil. Scours or cleans in mucky soil. Made of best tempered steel. Only one blade to keep sharpened. Makes a hole of any desired diameter. By the use of the compound lever operating blade, ordinary stones that obstruct digging are readily loosened and removed.

Price.....\$2.00 each

SPADING OR DIGGING FORKS.



Extra quality, spear-pointed tines, with diamond-shaped backs; handles strapped. D-handle.

4 tine \$1.60 Long handle..\$1.40
" 1.85 " " 1.65

STONE PICKING FORKS.



The handiest tool for the purpose, \$1.50.

THE HUMMER GRINDER NO. 271.

This outfit consists of two Dimeo-Grit grinding wheels 6 in. in diameter by 1 $\frac{1}{2}$ in. face, one being of medium fine grit and the other of coarse grit. This "Dimeo-Grit" is the best abrasive substance yet discovered or manufactured for tool sharpening, and grinding steel, cast iron and similar metals, and is in universal use in factories and machine shops. These grinding wheels are mounted on a sturdy, compact iron framework fitted with seat and foot treadle attached to gearing which rapidly revolves the grinders with greatest ease. The head can be swiveled to any angle.

The balance of the outfit comprises a universal tool-rest and a chisel and plane bit-guide so that tools, etc., may be sharpened and ground to the exact bevel desired.

Price, as above described \$21.00.



"BI-TREADLE" GRINDSTONE STRONG, TUBULAR STEEL FRAME

Adjustable seat, 4 in. to 5 in. vertically. Stone movable forward and back on frame. Frame being slightly flexible it adjusts itself to uneven floor or surfaces. Rigid and easily set up. Bi-Treadle, with power properly applied. Hinged connection with ball-bearings on crank. Ball bearings in journals. Frame is narrow at top, making it convenient to apply power, and spread at base giving greatest rigidity.

Crated complete, with face of stone protected. Made in one size, average weight stone 60 pounds. Shipping weight 90 pounds. Frames will carry larger stones to 28 in. diameter if wanted and will be quoted on application. Price, \$8.00.



THE "IWAN" POST HOLE DIGGER.

Ease of operation and superior and rapid work are features of this new digger; 200 to 300 holes a day may be dug with it. After starting it but little pressure is required, simply turn in; it cuts down like an auger to any required depth through clay or soft ground, sod, roots or sand; it leaves a clean hole, no swaying of posts, cannot clog.

PRICES.

For 6 in. holes.....\$2.75
" 8 " " 3.25
" 10 " " 3.75.

HAY FORKS.



Finest quality steel, oval-shaped tines; solid steel shanks, patent ferrule, polished handles, extra long and strapped.

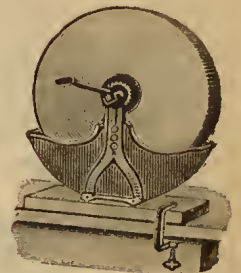
2 tine, \$1.20 \$13.00 doz.
3 tine, 1.30 14.00 doz.
4 tine, 1.40 15.00 doz.

TRANSPLANTING FORKS.

A very convenient tool for transplanting plants, strawberries, etc.

American Hand Fork, malleable, 25c., P. P. 1 lb.

FAMILY GRINDSTONE.



Mounted, cast iron basin and clamp to fasten to table. Prices, 6 in. (diameter), \$2.75, 8 in., \$3.00, 10-in., \$3.25; 12-in., \$3.50.

LUTHER TOOL GRINDER No. 6M.



Strong and well built for hard service.

Attaches to bench or table by thumb screw. Grinding wheel of carborundum, the best material

for sharpening tools, etc. Equipped with a combination adjustable tool rest. Gear case 22 inches in diameter; grinding wheel 6x1 inch making 16 revolutions to one of the handle. Packed weight 14 lbs. Price, \$7.50.

MANURE FORKS.



Best quality, strapped handles. D-handle.

4 tine \$1.60 Long handle..\$1.50
5 " 2.00 " " 1.60
6 " 2.25 " " 2.00

VEGETABLE SCOOP FORKS.



Made especially for handling beets, potatoes, apples, corn, etc.

Broad, oval tines, flattened at the tips; will not stick, cut or bruise, yet loads to the head. 8 tine, \$2.25 10 tine, \$2.50.

SEND YOUR ORDERS EARLY

Transportation Facilities are likely to be overtaxed.

AVOID POSSIBLE DELAYS

**GRASS HOOKS**

English Riveted Back

Thin, sharp blades, strengthened by a riveted back, light and rapidly handled.

Small size.....60c.

Medium size.....70c.

Large size.....80c.

**Knuckle Saver Grass Hook.**

The handle is raised from the blade, making it possible to cut close without bruising or skinning the knuckles. Price, 60c.

Popular Grass Hook.

A good low price hook Full size 35c.

GARDENER'S GLOVES

For protecting the hands, handling thorny plants, etc., Heavy Cordovan Horse Hide, per pair (P. P. 1 lb.).....\$2.00

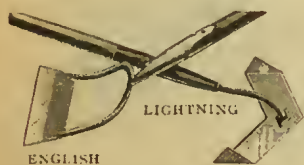
**RUBBER GARDENING GLOVES**

With gauntlets, P. P. 1 lb. Men's sizes, \$2.00; Ladies' size, \$1.75

IMPORTED ENGLISH SCUFFLE HOES

(Handles extra, 15c. each.)

5-inch, 70c.; 6-inch, 75c.; 7-inch 80c.; 8-inch, 85c.; 9-inch, 90c.; 10-inch, \$1.00; 12-inch, \$1.20.

**LIGHTNING SCUFFLE HOE**

The V-shaped blade pushes through the soil easily, and cuts front and back; the sides turn up to prevent cutting off plants. 8-inch cut, handled, \$1.35.

**COMBINED HOE-RAKE**

A convenient tool for garden weeding and cultivating, solid steel 4-tooth, 4½-inch blade.....80c. 6-tooth, 6½-inch blade.....90c.

Warren, or Heart-Shaped Hoe

YOU NEED ONE!

The Best Garden and Field Hoe.



The Warren Hoes are unequalled for hoeing, weeding, cultivating, making drills, covering seed, etc. Scour sharp, right hang, light to handle. Prices: Small, 80c.; medium, 90c.; large, \$1.00.

**LIGHT GRUB-BING HOE**

Just the thing for bog work, drains and innumerable purposes on a farm, solid steel, strong, beveled edge.

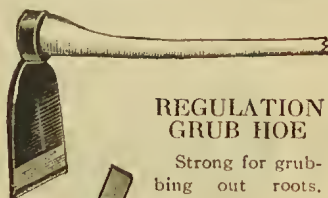
5½ inch blade, \$1.40; 6-inch...\$1.60 8-inch.....1.80

**ACME WEEDING HOES**

Very popular hoes with florists and gardeners; for drilling, cultivating and weeding.

Acme Double Prong, 4½ -in. blade.....80c.

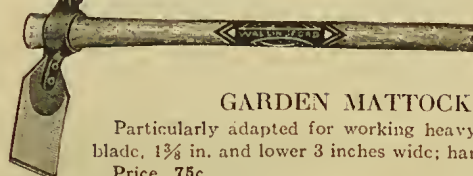
Acme Single Prong, 6-in. blade...70c.

**REGULATION GRUB HOE**

Strong for grubbing out roots, clay, ditches, etc., about, 4-lb..\$1.25

**KALAMAZOO CELERY HOE**

An ideal hoe for hilling celery, also for cleaning ditches and as a stable hoe; slightly concave blade, 14½ inches wide, \$1.60.

**GARDEN MATTOCK HOE**

Particularly adapted for working heavy or hard soils; upper blade, 1½ in. and lower 3 inches wide; handle, 5 ft. Price, 75c.

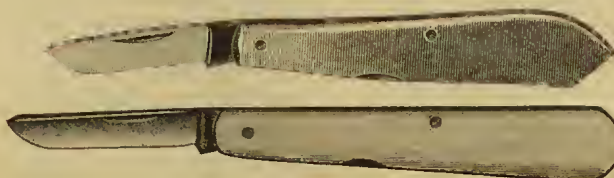
ENGLISH BILL HOOK

Very handy for trimming shrubbery hedges, etc., where a long-handled hook cannot be used. Price, \$2.00. P. P. 4 lb.

**HATCHETS**

Axe Pattern, for pruning, hunters' use, etc. No. 1, 1½ lb., 80c.; No. 2, 1¾ lb., 90c.; No. 3, 2 lb., \$1.00.

Shingling Hatchet, 75c.; Barrel or Half Hatchet, \$1.00; Claw Hatchet, \$1.00.

No. 915, 4 inches, Ivory, Pointed End Budding Handle, Budding Blade, each.....\$1.60
No. 917, 4 inches, Ivory, Pointed End Budding Handle, Sheepfoot Blade, each.....\$1.60
No. 916, 4 inches, Ivory, Round End Handle, Sheepfoot Blade, each.....\$1.50
No. 919, 4 inches, Ivory, Round End Handle, Budding Blade, each.....\$1.50**THE HILTON**

The Best Scuffle or Push Hoe.



This celebrated hoe is made of spring steel, shaped as shown in cut, with double edged blades so adjusted that it cuts and cultivates equally well when thrust forward or pulled back. These hoes are made in two widths—six and eight inches.

Price, 6-inch, 50c.; 8-inch, 65c.

THE CARPENTER PATENT SCUFFLE HOE AND PULVERIZER

A combined scuffle hoe, pulverizer and shovel. Excellent for breaking up lumps of dirt, manure, etc. Has 6 foot handle. Price, 75c.

PRONG HOES, or POTATO AND MANURE HOOKS

Indispensable for digging potatoes and other crops, forking over manure.

Four-round tine.....80c.
Five-round tine.....90c.
Four-broad flat tine.....\$1.00**HENDERSON'S SUPERIOR DRAW HOES**

Extra quality cast steel, oil-tempered, thin, elastic, polished blade; Swan's neck socket shank, 5-inch. Ladies' size, and the following sizes, 6, 7, 7½ and 8-inch blades, 70c. each.

PLANET JR. SLIDE HOE

This is light and strong, and admirable for all between-rows workings. It is specially adapted to late cultivation when it is desired to work rapidly beneath the fallen plant tops and clean up the middles for the last time. Price, \$5.00. Packed weight, 9 lbs. Equipment: One 8-in. sweep. One 9-in. scuffle hoe.

**NEPONSET WATERPROOF
PAPER FLOWER POTS**



Unbreakable, light, economical. They last at least one season and their cost is trifling; they nest closely for shipping.

PRICES

Ins.	Doz.,	P.P.	100 P.P.	1000
2½	12c.,	3 oz.	\$0.60	2 lb. \$5.00
3	14c.,	5 oz.	.80	2 lb. 7.00
3½	16c.,	7 oz.	1.00	3 lb. 8.00
4	24c.,	8 oz.	1.35	4 lb. 9.00
5	30c.,	15 oz.	1.65	7 lb. 14.00
6	35c.,	25 oz.	2.25	11 lb. 18.00



RUBBER PUTTY BULB

The best for applying liquid putty and white lead when glazing and repairing sash and greenhouses. Price, \$1.15 (mail weight, 1 lb.).

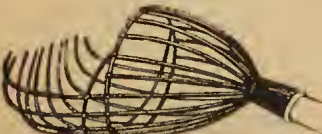
RUBBER SPRINKLERS

For sprinkling cut flowers, seedlings, clothes, etc. A pressure on the bulb ejects the water in a fine spray.



**RUBBER PLANT
SPRINKLERS**

Prices, straightneck, 7-oz. size, 90c.; 12-oz. size, \$1.00. Angle neck, 7-oz. size, 95c.; 12-oz. size, \$1.10. P.P. 1 lb.

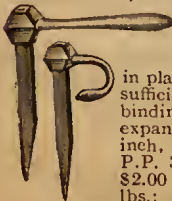


PERFECT FRUIT PICKER

Galvanized steel wire; attaches to pole of any length. Price, without pole, 50c. each, \$5.00 doz. P.P. 2 lbs.

VINE OR WALL NAILS

Splendid invention for fastening vines to walls, houses, trellis, etc., the lead clip being pliable; turn over the vine holding it in place and will give sufficiently to prevent binding as the vine expands with age. 1-inch, per 100, \$1.75, P.P. 3 lbs.; 1½-inch, \$2.00 per 100, P.P. 4 lbs.; 2-inch, \$2.50 per 100, P.P. 5 lbs.



Price (in braided plaits, about one pound each) 60c. per lb; 10-lb. lots \$5.50; 25 lbs. and over at 50c. lb. Can be sent by Parcel Post. For rates see 2d page of cover.

**ADJUSTABLE
"KRAUT" CUTTERS**



Nicely made of hardwood.

No. 55—3 knives 8x26.....\$2.00
65—3 " 9x30.....3.00
70—3 " 12x36.....4.00

**PERMANENT
LABEL HOLDER**

To stick in ground.



It is made with a 7½-inch prong to thrust in the ground carrying an inclined removable 3x2-in. frame-holding name card and mica protector. It is just the thing for labeling shrubs, herbaceous plants, etc.

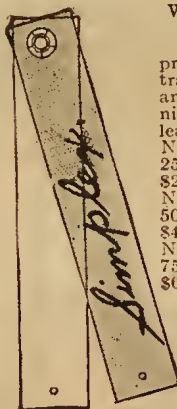
Price, 20c. each, \$2.00 per doz., P.P. 4 lbs.

SIMPLEX

Waterproof Plant Labels

The writing is protected by the transparent cover, and will last indefinitely if done with lead pencil.

No. 1—3x½ inch, 25c. per dozen, \$2.00 per hundred.
No. 2—4x¾ inch, 50c. per dozen, \$4.00 per hundred.
No. 3—5x1 inch, 75c. per dozen, \$6.00 per hundred.



**LABEL
PENCIL**

Black lead, just the thing for legible and permanent writing on wood labels.

Price, 8c. each, 75c. doz., P. P. 1 lb.



PICK MATTOCK



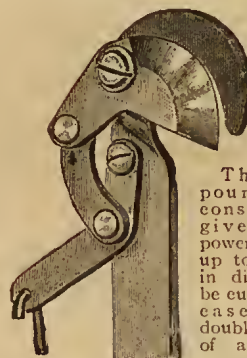
Pick Mattock, handled, \$1.50.



Labels, Wooden. Garden labels are put up in packages of 100; pot, plant and tree labels in packages of 500.

	Plain	Painted	
	In. per 100	per 100	P.P.
Garden,	8 \$0.60	\$0.75	2 lbs.
"	12 .90	1.10	3 "
	per 100	per 1000	
Pot,	4 \$0.90	\$1.00	4 "
"	5 1.20	1.50	4 "
"	6 1.50	1.75	5 "
Wired, 3½	2.00	2.50	4 "

**COMPOUND
LEVER PRUNER**



The compound lever construction gives great power. Limbs up to 1¼ ins. in diam. may be cut off with ease; does double the work of any other pruner with less exertion. Blades forged from high grade crucible steel. Price, on 10-ft. pole, \$3.50; 12-ft. pole, \$3.75; 14-ft. pole, \$4.00; 16-ft. pole, \$4.25.

CLAY PICK



Double pointed Clay Picks, handled light, \$1.25; medium, \$1.50



**TRIPOD FRUIT-PICKING
STEP LADDER**

A tripod step ladder, particularly adapted for picking fruit and for uneven ground. It is light, strong, rigid and broad based and "stands where others fall." Flat steps (except two lower rounds) easy to stand on, easy to move. Price, 5-ft., \$1.75; 6-ft., \$2.00; 7-ft., \$2.25; 8-ft., \$2.50; 10-ft., \$3.00; 12-ft., \$3.50.

WATERS TREE PRUNERS



The best pruner on the market. Cuts limbs up to ¾ in. in diameter. The spring on handle resets the cutting blade.

PRICES
With 4-ft. handle.
\$1.00; 6-ft. \$1.10; 8-ft. \$1.25; 10-ft. \$1.35; 12-ft. \$1.50.
Extra knives, each 30c.

**TELEGRAPH
TREE PRUNER**



Attaches to pole of any length, operates with a cord; a spring throws knife back in position.

Price, (without pole), \$1.25. P.P. 2 lbs.

AXE MATTOCK



Long Cutter or Axe Mattock, fitted with handle, \$1.50.

Short Cutter Mattock, handled, \$1.50.

AMERICAN SOD LIFTER



A handy tool for cutting under and lifting sod; solid steel blade; 18-inch shank; D-handle. Price, \$2.00

STEEL GARDEN RAKE



Steel Garden Rakes. 10 teeth, 70c.; 12 teeth, 85c.; 14 teeth, 90c.; 16 teeth, \$1.00.
Fine Tooth Steel Gravel Rakes, 16 teeth, \$1.00; 18 teeth, \$1.10.

PLAIN "ONE-EDGE" PRUNING SAW



This style is still a favorite with many pruners. The blade being narrow gets among close limbs, and the upper edge being smooth does not cut the upper limb. 16-inch, 80c.; 18-inch, 90c.; 20-inch, \$1.00. P.P. 2 lbs.

SWIVEL PRUNING SAW



Very handy for getting among closely branched limbs; blade can be swiveled around in the frame to suit any position required. The handle can be unscrewed and a pole attached when desired. Price, \$1.75, P.P. 3 lbs.; extra blades, 60c. each.

SCYTHE SNATH OR HANDLES



Grass Snaths, extra quality, patent socket, \$1.50 each.
Bush Snaths, double ring, screw ribs, iron ferrule, \$1.50.

SCYTHE STONES AND RIFLES



American Talacre; round taper ends, 25c. each, \$2.75 doz. "Ohio Red-ends," flat stone, 10c. each, \$1.00 doz. Rifles, quadruple emery-coated, 15c. each, \$1.65 doz.

TREE SCRAPER



An important tool for scraping diseased bark from trees, removing insect eggs, cocoons, etc., 70c. P.P. 2 lbs.

LADIES' AND CHILDREN'S SET OF GARDEN TOOLS

Of good quality, made for use, not toys. Comprises a long-handled hoe with 4-inch blade, long handled garden rake with 6 teeth, round-pointed spade 8x4 1/4-in. blade, trowel 5 inch, and Excelsior weeder—five tools in all, for \$2.25.

STEEL BOW RAKE



Steel "Bow" Garden Rakes. The best rake; does not break in middle; 12 teeth, 90c.; 14 teeth, 95c.; 16 teeth, \$1.00.

GEM DANDELION AND LAWN RAKE



A fine toothed sheet metal rake with self cleaner. The stripper being operated by a wire trigger attached to the handle, so the contents can be deposited in a basket without handling. The teeth are curved so they ride over the ground, removing all trash, cut grass, worm casts, dandelion flowers, leaves, etc. For worm casts and dandelions on putting greens, this rake is especially recommended.

Price, 16-inch size, \$1.75; 24-inch size, \$2.25.

CALIFORNIA BOW-SHAPED PRUNING SAW



BOW PRUNING SAW.

Very popular among orange growers but equally useful for all low pruning work. 14-inch saw, 90c.; 16-inch, \$1.00; 18-inch, \$1.10; 20-inch, \$1.25; P.P. 2 lbs.

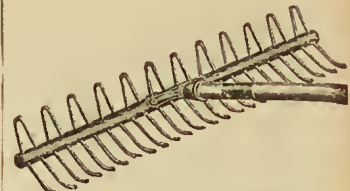
WOOD HAY RAKE



Our wood rakes are of superior grade; selected wood; 3 bow; hollow steel.

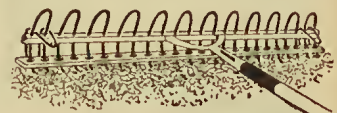
Wood Hay, 12 teeth, 60c. each, \$6.50 doz.
Wood Lawn, 24 teeth, 60c. each, \$6.50 doz.

REVERSIBLE STEEL LAWN RAKE



Heavily tinned steel teeth. The arched teeth for leaves and litter and the opposite side for fine cut grass. Twenty-four teeth closely set in a 21-inch head. Price, 75c. each.

REVERSIBLE STEEL LAWN RAKE WITH TEETH CLEANER



This is the Reversible Steel Lawn Rake described above with an extra iron bar—perforated for the teeth so it slides up and down quickly cleaning the rake when clogged. Price, with handle, \$1.15 each.

LIGHTNING DOUBLE-EDGE PRUNING SAW

Lightning teeth on one side, ordinary teeth on the other. The most

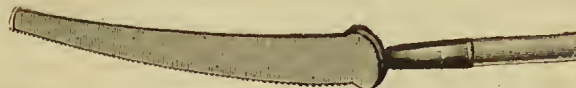


popular saw we sell. It can be attached to a pole of any length; prices do not include pole.

Prices

16-in. 90c.
18-in. \$1.00
20-in. \$1.10
P.P. 2 lbs.

RHODES POLE PRUNING SAW



Adjustable to any angle. Thrust cut on convex edge. Draw cut on concave edge. Pole ten feet long. Saw made of best quality spring steel. Price, \$2.75.

CLIPPER GRASS SCYTHES



Clipper grass Scythes. Hollow ground, 32-inch, \$1.40; 34-inch, \$1.50; 36-inch, \$1.60; 38-inch, \$1.70.

BUSH AND BRAMBLE SCYTHES



SCYTHES

Weed and Bramble Scythe, \$1.50. Bush Scythe, \$1.50.

Scythe Snaths, extra, \$1.50.

IMPORTED ENGLISH RIVETED-BACK LAWN SCYTHE



Light and thin broad blades, strengthened by a riveted back. 32 inches, \$1.90; 34 inches, \$2.00; 36 inches, \$2.15; 38 inches, \$2.40.
Scythe Snaths or Handles with patent fastening, \$1.50 each.

"GOLF LAWN" RAKE

This new rake is designed for use on golf courses, tennis courts, and lawns. The blade of saw steel is 16 inches long by 4 3/4 inches wide and is curved to hold fine-cut grass, leaves, litter, etc. The V-shaped teeth cut off dandelion heads and other weeds, preventing them from going to seed. A strong, durable, efficient rake. Price, 85c.

IDEAL BULB PLANTER

An ideal tool for bulb planting, especially Gladiolus, but it can be readily used for planting bulbs of all kinds. It has a D wood spade handle of ash, the point of steel and the foot bracket of malleable iron. Price, \$1.75 each.



LITTLE GIANT PRUNER AND SAW COMBINED



The knife operates with a cord; a spring throws the knife back. Saw can be removed when desired; attaches to pole of any length. Price, without pole, \$2.50. P.P. 4 lbs.

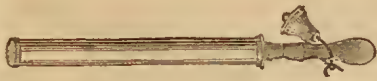
COMBINED PRUNING SAW AND CHISEL



A handy tool; attaches to pole of any length. With a thrust the chisel cuts off small branches. The saw is for larger limbs. Price (without pole), \$1.75. P.P. 3 lbs.

HENDERSON'S BRASS SYRINGES

These Syringes are applicable for all horticultural purposes in the conservatory and garden. They are fitted with Caps for ejecting water in one stream or dispersing it in a fine or coarse spray, as required. Specially adapted for applying fluid insecticides.



No. A. Length of barrel, 12 inches; diameter, 1 inch; 1 spray rose and 1 jet, \$3.00. P.P. 3 lbs.



No. G. Barrel 16 inches long; 1½ inches diameter; 1 spray rose and 1 stream jet, side attachment and elbow joint for sprinkling under foliage, \$5.00. P.P. 4 lbs.



No. H. Sheet brass Syringe, with fixed spray rose; barrel 16 inches long; 1½ inches diameter, \$3.25. P.P. 4 lbs.



No. 2. Barrel 13½ inches long; diameter, 1½-16 inch; 1 coarse and 1 fine spray rose and 1 jet, side attachment, \$5.00. P.P. 4 lbs.

The Henderson Special. Solid brass barrel, 20 inches long by 1½ inches in diameter inside, wooden plunger, 1 fine spray rose; a good low priced large Syringe. (Mail weight, 4 lbs.) Price, \$3.00.



No. 10. Barrel 18 inches long; diameter, 1½ inches; 1 coarse and 1 fine spray rose and 1 stream jet, with patent valves and elbow joint for sprinkling under the foliage, \$7.50. P.P. 5 lbs.



No. 11. Same as No. 10, without patent valves, \$6.00. P. P. 5 lbs.

EXTENSION PLANT SUPPORT



Especially adapted for Carnations and similar plants; the upper ring may be moved up or down as the size of the plants require. They are made of steel wire, well galvanized to prevent rusting. They are used by the leading growers, who praise them highly.

Prices	Per Doz.	Per 100	Per 1000
2-ring support...	75c.	\$5.00	\$50.00
3-ring support...	90c.	6.00	55.00

2-ring support, P.P. 4 lbs. doz.
3-ring support, P.P. 5 lbs. doz.

PERFECTION PATENT WOOD TOMATO SUPPORTS



36 inches high, 16 inches wide, made of clear straight wood. Can be taken apart and stored when not in use. Solidly made and will last for years. Price, 25c. each, P.P. 4 lbs., \$2.50 doz.

ENAMELED IRON EVERLASTING SIGNS

• NO TRESPASSING •

and

KEEP OFF THE GRASS

"Keep off the Grass" Name plate of iron; enameled green with white letters; size 20 in. long by 4 in. wide; iron rod 26 in. long. Will last years. Price, \$1.50 ea., \$15.00 per doz.

"No Trespassing" Iron enameled blue, white letters. Sign 20x4 in., four screw holes for attaching to fence, trees etc.; no rod. Price, \$1.25 each, \$13.50 doz.

EXTENSION TOMATO SUPPORTS

32 inches high, 14 inches diameter, of heavy steel wires, will last for years, 25c. each, \$2.50 per doz.

ADJUSTO PLANT SUPPORT

The Adjusto is a very simple unbreakable practical and cheap support. The stake is made of hard wood, 4 feet long, painted green. The heavy spring wire is also painted green and so will not rust. Price 18c. each, \$1.75 per dozen. Circular on application.



IMPORTED GRAPE-THINNING SCISSORS



Finest quality, imported. Used for thinning out the grapes in the bunches, allowing the remaining ones to develop, \$1.35. P.P. 4 ozs.

IMPORTED FLOWER-GATHERING SCISSORS



Finest quality, imported. Cuts and holds the flower, \$1.35. P.P. 4 ozs.

SQUARE POINT SPADE



Henderson's Standard Quality, steel, smooth backs, fully strapped. No. 2, D handle, \$1.50; long handle, \$1.50. Boys' Spades, 95c.

VEGETABLE SCOOP

Price, Wire.....\$1.75



The best shovel for handling potatoes, apples, vegetables and roots. Will not cut, and dirt sifts out; besides, it is light.



EXTENSION PEONY SUPPORTS

For supporting the outer flowers; heavy galvanized wire in sections so they may be taken apart for shipping and storing. Diameter, 2½ feet; height, 2 feet. Price, \$5c. each, \$9.00 doz.

AMERICAN FLOWER-GATHERING SCISSORS



Indispensable for large growers in picking and holding grapes or flowers. The large handles are not so tiresome for the hands, 90c. P.P. 1 lb.

"SPRING PATTERN" FLOWER AND GRAPE-GATHERING SCISSORS

Cuts the stem and holds it without crushing. The heel of the blades cut small wire, 6 inches long, full nickled. Price, \$1.75. P. P. 4 oz.

TREE-DIGGING SPADE



A strong, powerful spade strapped the entire length of handle, size 14½x7½x5½, Ames' extra quality, \$4.00.

Nursery Spade, similar to above, strapped half way, size 12½x7½x7½, \$3.25.

ROUND POINT SHOVEL



Henderson's Standard Quality, steel, smooth backs, strapped. No. 2, D handle, \$1.50; long handle, \$1.50.

SQUARE POINT SHOVEL



Henderson's Standard Quality, steel strapped, smooth backs. No. 2, D handle, \$1.50; long handle, \$1.60.

Boy's Shovels, 95c.

SCOOP SHOVEL



Henderson's Extra Quality, steel, No. 2 (10½x14 inches). D handle, \$1.75. No. 3 (11½x15 inches). D handle, \$1.85.

ROUND POINT SPADES



These are popular where known; the round points make it easier to enter hard ground. Ames' extra quality, No. 2, D handle, \$2.25.

SWISS PATTERN PRUNING SHEARS



Full polished, best quality crucible steel blades, tempered, ground convex; adjusting nut and regulating ratchet; longitudinal double brass spring; removable handle-clip.

Made in 9-inch size.

Each shear individually boxed, with an extra blade, which practically doubles the life of the shear.

Price, \$2.25 pair.

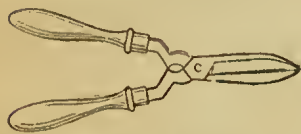
"TROWEL SHANK" GRASS SHEARS



Solid steel, of finest quality and temper; 7-inch blades. The raised trowel-like handles keep the knuckles off the ground and allow smoother cutting, \$1.15 P. P. 2 lb.

Common Grass Shears, 75c.

LADIES' ENGLISH GARDEN SHEARS



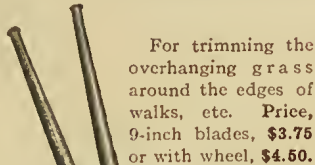
Blades of the best steel, handles stained and varnished; light and very useful for general trimming in the garden, \$2.00. P. P. 3 lb.

HENDERSON'S PRUNING SHEARS



The highest grade pruners made. Finest steel best temper. The blade is detachable, the ratchet nut keeps them properly tightened up. 9-inch, \$3.25; 10 inch, \$3.50. P. P. 2 lb.

GRASS EDGING OR BORDER SHEARS



For trimming the overhanging grass around the edges of walks, etc. Price, 9-inch blades, \$3.75 or with wheel, \$4.50.

ENGLISH LOPPING SHEARS



	P.P.
No. 1, 20-inch handles, 5 lbs...	\$3.25
" 2, 24 " " 5 " ..	3.75
" 3, 28 " " 6 " ..	4.25
" 4, 32 " " 6 " ..	5.00

AMERICAN LOPPING SHEARS



For lopping off limbs and branches of trees not over 1 1/4 in. in diameter, 2 ft. handles, \$1.55; P.P. 4 lbs. 3-ft. handles, \$1.75 P.P. 5 lbs.

"CALIFORNIA" PRUNING SHEAR



A good low-priced article. Black malleable handles. Steel detachable blade. 8-inch, 60c. P.P. 1 lb.

LADIES' NICKEL PLATED PRUNING SHEARS

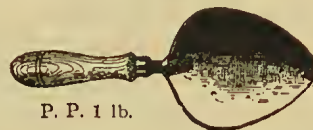
\$1.25 P.P. 1 lb.

LAWN SHEARS



For cutting grass under shrubs, fences, etc. Price, with two wheels, 9-inch blades, \$5.00.

HEART-SHAPED TROWEL



P. P. 1 lb.

Heart shaped blade 4 3/4 in. wide for planting out plants from large pots, transplanting bulbs, etc. Price, 70c.

SOLID STEEL TROWEL



The cheapest trowel in the long run, light, strong, durable and perfect "hang;" handle cannot come off, 5-inch blade, 45c.; 6-inch, 50c.; 7-inch, 55c.; P.P. 1 lb.

Ordinary Trowels, 5 inch, 15c.; 6 inch, 20c.; 7 inch, 25c. P.P. 1 lb.

LEVIN PATENT PRUNING SHEARS



Very popular where known; the cutting blade working between steel faces is very thin, cuts easily, malleable handles. Medium size, 60c., P.P. 1 lb. Full size, 75c., P.P. 2lb.

HEDGE SHEARS

For both trimming hedges and cutting grass under fences, bushes, etc.

The "Notches" at the heel of the blade is for cutting branches.

English Hedge Shears

8-inch blades \$2.00; with notch \$2.25.

9-inch blades \$2.25; with notch \$2.50.

10-inch blades \$2.50; with notch \$2.75.



Swedish Hedge Shears.

The very highest quality manufactured.

8-inch blades with notch.... \$3.00

9- " " " " 3.50

10- " " " " 4.00

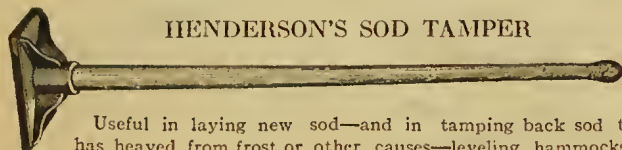
Mail weight 8 and 9 inch, 4 lbs. each; 10-inch 5 lbs.

"SLIM JIM" TROWEL

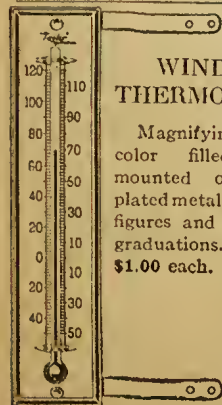


A perfect trowel for making small, deep holes for transplanting and putting in bulbs; solid steel strong and serviceable. No. A, 5 inches long, 20c.; No. B, 8 inches long, 25c. each. P. P. 1 lb.

HENDERSON'S SOD TAMPER



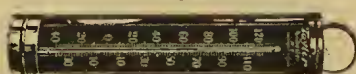
Useful in laying new sod—and in tamping back sod that has heaved from frost or other causes—leveling hammocks in Putting Greens, etc.—Cast iron 9 1/2 x 9 1/2 inches square, weighs with handle 17 lbs. Price, \$1.35 each.



WINDOW THERMOMETER

Magnifying permanent color filled tubes, mounted on nickel plated metal scales, red figures and 10 degree graduations. Price, \$1.00 each.

JAPANNED TIN CASE THERMOMETER



8 inch, 45c.; 10 inch, 55c.; 12 inch, 65c.

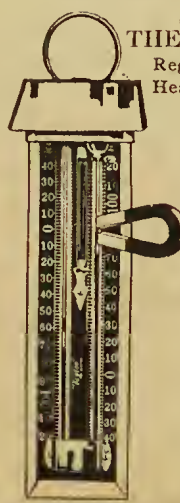
HOT BED AND MUSHROOM BED THERMOMETER



Brass tipped point encloses the temperature bulb; it is simply thrust into the soil or bed. Best grade, \$2.00.

SIEXE'S THERMOMETER

Registers both Heat and Cold.



Price includes magnet for drawing registering needles back, Black oxidized brass scales, white filled figures, black japanned tin case.

8 inch, \$3.75;

10 inch, \$4.25;

12 inch, \$5.00.

With copper case 50c. extra.

HOUSEHOLD THERMOMETER

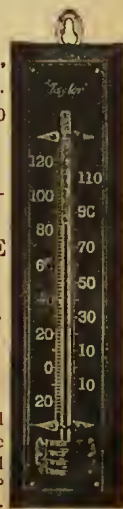
No. 1

Wood back, natural finish. 8 inch 75c.; 10 inch, \$1.00.

DISTANCE READING THERMO- METER

No. 2

Coppered metal case black oxidized scales white filled figures and graduations. Scale range 20° to 30° below zero to 120° above. Price, 8-in. 55c.; 10-in., 85c.



No. 1

THE PERFECTION MOLE TRAP

The best and most complete Mole Trap, easy to set and cannot "startle" or injure the operator. It will catch moles when quite deep in the ground, and there being no pin or other obstruction projecting into the run, there is nothing to frighten or disturb the mole as it passes, and in doing so raises the ground over the "run" just enough to spring the trigger, which must firmly set on the soil over the "run." The points of the pins being constantly in the ground, it cannot catch or injure chickens or other domestic animals.

Being made of metal it cannot warp or get out of order. It can be set close to plants without injuring them, and it can also be set touching a wall, fence, etc. Price, 55c. each, mail weight 5 lbs., \$9.00 per doz.



THE PERFECTION MOLE TRAP

HENDERSON NEW MODEL MOLE TRAP

10½ inches high when set. The only trap that can be successfully used in hot beds. Anchor posts are notched, preventing trap springing from the ground when tripped. Self-setting.

Price, \$1.50; mail weight 4 lbs.



NEW MODEL MOLE TRAP

TACKLE-BLOCK WIRE STRETCHER

This tool is a complete stretcher for all kinds of wire fencing, whether netting or barbed wire, and has a convenient set of pulley blocks besides, the whole costing no more than is ordinarily paid for one separately. All the iron is either malleable or wrought, and 15 feet of manila rope is furnished with each set. The pulleys are 2 inches in diameter. They are strong enough for 1,000 lbs. strain. The rope grapple is very convenient and quickly adjusted. They give better satisfaction than any wire stretchers ever introduced. Price, \$1.75. P.P. 6 lbs.



CHISEL BLADE WEED CUTTER

Long handled with foot rest so it can be pressed, cutting off roots or weeds without marring.

Price, 85c. each.



CHISEL WEEDER.

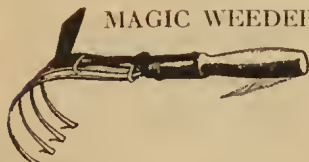
DANDELION PULLER

Slide the steel blade into the soil, close to weed. Then push the handle toward the weed and pull up. The root is caught by a patented non-clogging double-tooth prong which projects from inside of blade, and up comes root to the last inch, nothing left to start new growth. As the pull is directly up, the ground and lawn around the weed is undisturbed. Beside Dandelions it pulls plantain and other weeds.

Price, 60c.



MAGIC WEEDER



Combined weeder and hoe. The fingers are made of oil tempered steel. The hoe is useful in loosening hard ground. Price, 40c. each. \$4.00 per doz. P.P. 2 lbs.

EUREKA HAND WEEDER



Our choice of the finger weeders; the prongs, being of solid forged steel, are thin and long, and get right down to work in loosening soil and breaking crust. Short handle, 45c. each, \$5.00 doz., P.P. 2 lbs.; long handle, 55c. each, \$6.00 doz.

WATERING POTS

Regular Style, galvanized iron, 6-quart, \$1.00; 8-quart, \$1.25; 10-quart, \$1.50; 12-quart, \$1.75; 16-quart, \$2.00.



REGULAR STYLE



COMMON SENSE

"FRENCH"

French or Oval Shaped Watering Pots

Easily carried in narrow places. 6-quart, \$3.25; 8-quart, \$3.50; 10-quart, \$4.00; 12-quart, \$4.25.

"Common Sense" Watering Pots

2-quart, \$1.50; 4-quart, \$1.75; 6-quart, \$2.00.

Wotherspoon's Galvanized Watering Pots

With brass fittings and two brass roses, one fine and one coarse, with each pot, 6-quart, \$2.75; 8-quart, \$3.00; 10-quart, \$3.25; 12-quart, \$3.75; 16-quart, \$4.25.

THREE-CORNERED ONION WEEDER



A popular tool for weeding among onions and other rowed crops. 45c. each, \$4.50 doz. P.P. 1 lb.

LANG'S HAND WEEDER



A strap over the fingers keeps the tool in the hand while operator's fingers are left free, 25c. each, \$2.50 doz. P.P. 1 lb.

DANDELION AND PLANTAIN SPUD



A handy tool for cutting dandelions, plantain and other weeds out of the lawn. Also useful when out botanizing.

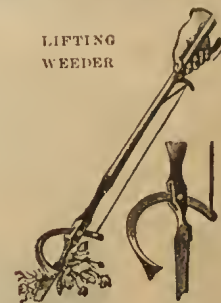
Price, 40c. P.P. ¾ lb.

HENDERSON'S LIFTING WEEDER

A chisel blade cuts off the weeds; the trigger holds them so they can be pulled out.

Price, 75c. each.

LIFTING WEEDER



EXCELSIOR FINGER WEEDER



The claw fingers are useful for loosening and pulverizing the soil. 10c. each, \$1.00 doz. P.P. 1 lb.

HAZELTINE'S HAND WEEDER



A very popular style of hand weeder, and one of the best. Its peculiar shape permits a wide range of work. 25c. each, \$2.50 doz. P.P. 1 lb.

ERADO—IT KILLS WEEDS

Erado does away with the old fashioned laborious and back-breaking method of digging up dandelions and weeds of all kinds by hand.

An amount of weed-killing solution is dropped on the root.

It is a simple matter to refill Erado. Remove the handle by a half turn. The solution is then put in the tube and handle is easily replaced. Erado is then ready for work. Push the plunger into the center of the plant. The solution is automatically released.

Gasoline or weed killer liquid may be used. Price \$1.75 each.





Self-Watering Iron Window Boxes

These are made of sheet iron, galvanized and finished on the outside in green enamel. They are very durable, rust proof and positively will not leak.

The crowning merit of these boxes, however, is the self-watering feature. This is accomplished by a false bottom below which the water is contained, it being poured in through a tube in the corner that projects from the rim to the bottom. The false bottom has holes in it in which are inserted small sponges. These absorb the water and it is drawn up by the Soil or Fibre keeping it evenly moist for a week or more before the water requires replenishing, thus the plants do not dry out from neglect and thrive and bloom with unusual luxuriance.

No.	Height	Width	Length	Water Capacity	Price Plain	Price Ornamental
1	8 ins.	9½ ins.	23 ins.	2½ qts.	\$2.50	\$3.00
4	8 "	9½ "	29 "	4 "	3.00	3.85
7	8 "	9½ "	35 "	5½ "	3.75	4.75
10	8 "	9½ "	41 "	7 "	4.25	5.50

NOTE:—The "Plain" self-watering Window Boxes have a smooth surface, enameled green; the "Ornamental" have a design pressed in the metal which, as illustrated, greatly improves the effect.



Rustic Hanging Baskets

Hexagon shaped bowls covered with laurel roots, finished natural color and varnished.

Inch	Each	Per Dozen
10	\$1.75	\$15.00
12	2.00	20.00
15	2.50	25.00

Wire Hanging Baskets

Green and bronze finish, strong and well made. Just the thing for decorating piazzas of summer hotels and suburban residences.

No. 4, 8 ins. diam., 30c. each, \$3.00 doz. No. 5, 10 ins. diam., 40c. each, \$4.00 doz.; 12 ins., 50c. each, \$5.00 doz.



Cedar Plant Tub



Heavy iron hoops. Drop handles, serving as hooks for carrying poles. Iron legs. Removable perforated bottoms. Painted green outside and brown inside. Painted red, if desired, at an extra cost of 10 per cent.

No.	Outside Diameter	Length of Stave	Price
0	27 inches	24 inches	\$10.00
1	25 "	22 "	9.50
2	23 "	20 "	8.50
3	21 "	18 "	7.00
4	18 "	16 "	5.50
5	16 "	14 "	4.50
6	14 "	12 "	4.00
7	13 "	11 "	3.50
8	12 "	10 "	3.00

Self-Watering Iron Hanging Pots

The ordinary hanging baskets are usually an abomination when it comes to watering them on account of the drip, in consequence they are often allowed to "dry out" to the detriment of the plants. The Self-Watering Hanging Pots "never leak a drop" and the plants thrive in them grown in either Soil or Fibre, do not need water often. To water the plants simply remove the lower reservoir—a partial turn will do it—fill it with water and replace. The Soil or Fibre will soon absorb the needed moisture through a connecting sponge.

Our prices do not include chain. We will supply a solid brass chain for this purpose at 3c. per foot. In ordering chain, measure the distance from point of suspension to where you want the top of basket and order three times that amount.

No. A.	Diameter, 9 inches; Water Capacity, 2 pints.	Price.....	\$3.30
No. B.	Diameter, 10 inches; Water Capacity, 2 pints.	Price.....	3.85
No. C.	Diameter, 12 inches; Water Capacity, 3 pints.	Price.....	5.00



Rolling Stands for Heavy Plants



The device consists of two steel pieces securely riveted and equipped with casters (see illustration), a strong and compact support for plants, in large pots or tubs.

Prices (including Fibre Saucers):

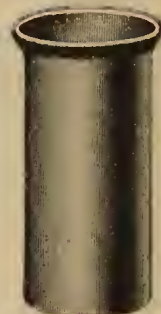
No. 12—12 ins. diam., takes 10-in tub.	\$1.00
" 14—14 " " " 11 " "	1.25
" 16—16 " " " 13 " "	1.60
" 18—18 " " " 15 " "	1.75
" 20—20 " " " 17 " "	2.25
" 22—22 " " " 20 " "	2.75

Flower Vases, Waterproof Fibre Ware

Do not rust nor leak, not easily broken. Mahogany finish, but can be enameled any color by purchaser, inside dimensions are given.

No.	Depth	Diameter	Each	Doz.
0.....	13 ins.	8 ins.	\$1.30	\$13.00
1.....	10 "	5½ "	1.15	11.50
2.....	9 "	4½ "	1.00	10.00
3.....	6½ "	4 "	.90	9.00
4.....	4½ "	3 "	.75	7.50

(Prices of larger sizes on application)



FIBRE VASE.

Waterproof Fibre Saucers for Flower Pots

Are not porous and therefore do not absorb moisture and spoil woodwork, tables, etc., on which plants stand. Not breakable. Color, terra cotta brown. (Measurements given on the outside diameters.)

Inch	Each	Doz.	Inch	Each
5	\$0.22	\$2.25	10	\$0.30
6	.23	2.40	12	.40
7	.24	2.65	14	.50
8	.26	2.85	16	.85
9	.28	3.00	18	1.00

Cyclone Flower Bed and Lawn Guard

This guard is made to stand 12 to 18 inches in height when set in place. Full rolls contain 165 feet, but cut lengths will be supplied when desired.



Price Per lineal foot
Height 16 inches..... 13c.
22 inches..... 16c.

Henderson's "Best Para" Rubber Hose

This is the highest grade of garden hose, being made entirely from New Para Rubber, and will outlast cheap hose three times over. We guarantee it to stand a 300-pound water pressure, and it will be as resilient in three or four years' time as when new, while cheap hose of that age will be hard and rotten. Every length of Henderson's "Best Para" Hose is fitted with the new water-tight couplings, without extra charge.

(Hose is furnished only in 25-foot and 50-foot lengths; the sizes $\frac{3}{4}$ and 1 inch refer to the internal diameter of the bore.)

$\frac{3}{4}$ -inch bore Para, per 25-foot length, \$5.50, per 50-foot length, \$10.50. 1-inch bore Para, per 25-foot length, \$8.00; per 50-foot length, \$15.50.

"Standard Quality" Rubber Hose

This is a grade that is often sold as the "best." It is a good hose and will stand a 100-pound pressure. Each length is fitted with the regular couplings, without extra charge. For $\frac{1}{2}$ -inch Spray Pump Hose and Tubing see below.

$\frac{3}{4}$ -inch Standard, per 25-foot length, \$4.00; per 50-foot length, \$7.50.
1-inch Standard, per 25-foot length, \$6.25; per 50-foot length, \$12.00.



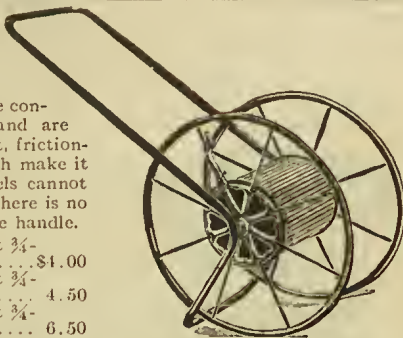
SPRAY PUMP DISCHARGE HOSE

Cut any length, 10 feet up to 50 feet, $\frac{1}{2}$ -inch bore, 14c. per foot (coupling extra 30c. set). $\frac{3}{8}$ -inch red tubing 12c. per foot, cut any length, 3 to 50 feet. Couplings extra, 25c. per set.

ALL IRON HOSE REEL

The All Iron Hose Reels are constructed entirely of iron, and are indestructible; light in weight, frictionless, and the wheels being high make it easily manipulated; these reels cannot tip over when unreeling and there is no weight of hose to carry on the handle.

No. 10 21-inch holds 100 feet $\frac{3}{4}$ -inch hose.....\$4.00
No. 20 24-inch holds 150 feet $\frac{3}{4}$ -inch hose.....4.50
No. 30 30-inch holds 500 feet $\frac{3}{4}$ -inch hose.....6.50

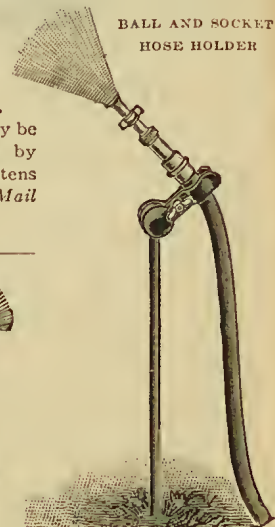


SIMPLEX HOSE REEL

A stationary reel to be attached to wall or side of a building or fence in any convenient place. Just the thing for small gardens where a portable reel is in the way, and where only 25 to 50 feet of hose is used. The smallest diameter of the arms is 12 inches, and when filled with 50 feet of $\frac{3}{4}$ -inch hose, the outside diameter is about 22 inches. The Simplex reel is shipped "knocked down" with all necessary parts and screws to put together and fasten up. Mail weight, 6 lbs. Price, \$1.75.

BALL AND SOCKET HOSE HOLDER

A most practical and efficient hose holder. It may be stuck anywhere and the nozzle may be pointed in any direction or at any angle, by simply operating one thumb screw, which fastens the ball and socket joint. Price, 90c. Mail weight, 4 lbs.



GEM NOZZLE HOLDER

For watering lawns and flower beds.

The hose is held firmly and can be adjusted to any elevation in an instant.

30c. each. Mail weight, 1 lb.



GEM NOZZLE HOLDER

CALDWELL'S HOSE STRAP



The best device for attaching hose couplings. Hose straps for $\frac{1}{2}$ -inch hose, 25c. doz.; P. P. 4 ozs. $\frac{3}{4}$ -inch hose, 30c. doz.; P. P. $\frac{1}{2}$ lb. 1-inch hose, 35c. doz.; P. P. 1 lb. Pliers, 35c.; P. P. 1 lb.



THE SURE SHUT HOSE MENDER

The simplest, strongest and best device on the market for repairing leaky hose. No tools necessary to attach it. Makes an absolute water-tight connection. Made entirely of brass and will not rust. Price, for $\frac{3}{4}$ -inch hose, 20c. each, \$2.00 per doz. P. P. 2 lbs.



THE COOPER BRASS HOSE MENDER

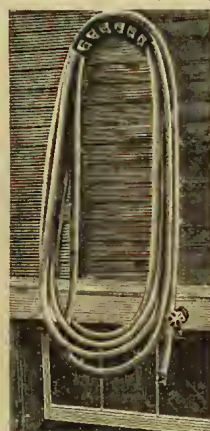
Made of thin brass tubing; will not rust or wear out; scarcely decreases the flow of water; easily applied by anyone; simply cut out your bad piece of hose and force the ends of the good hose over the mender until they meet in the center. No other fastening is required; the barbs will hold it and it will not leak. Price, for hose with $\frac{1}{2}$ -inch bore, 9c. each, \$1.00 doz., P. P. 1 lb.; for hose with $\frac{3}{4}$ -inch bore, 10c. each, \$1.10 doz., P. P. 1 lb.; for hose with 1-inch bore, 12c. each, \$1.25 doz., P. P. 2 lbs.

BULL DOG HOSE CLAMP

The best device for attaching hose couplings, hose straps for $\frac{1}{2}$ -inch hose, 50c. doz., P. P. 1 lb.; $\frac{3}{4}$ -inch hose, 60c. doz., P. P. 2 lbs.; 1-inch hose, \$1.00 doz., P. P. 2 lbs.



"HOLE-PROOF" HOSE HANGERS



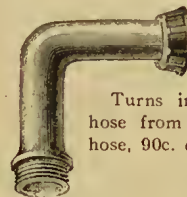
"Hole-Proof Hose Hangers" drain, dry and protect your hose when in use; preserve it when stored; insure it against holes, cracks and checks, and double its life and usefulness.

Compact, convenient and inexpensive. Carries 100 feet hose, 85c. Mail weight, 5 lbs.

LIGHTNING HOSE COUPLER



Instantly attached or disconnected; no twisting of the hose, no bruising fingers, watertight. (State if wanted to replace old couplings or to be attached to them.) Price, per set two pieces, $\frac{3}{4}$ -inch, 70c. P. P. 1 lb. \$7.00 per doz. P. P. 7 lbs.



HYDRANT SWIVEL

Turns in any position, prevents hose from kinking. For $\frac{3}{4}$ -inch hose, 90c. each. F. P. 1 lb.

HOSE REDUCER



For connecting hose of 1 inch bore with $\frac{3}{4}$ inch, 40c.

Prices of IMPLEMENTS, FERTILIZER and INSECTICIDES are subject to change without notice.

Henderson's 4-Arm and 8-Arm Lawn Sprinklers

This is the best lawn sprinkler made. It can be attached to hose and placed anywhere on the lawn where it serves the double purpose of a beautiful fountain and of thoroughly saturating the grass or garden. The water is distributed fine and in drops over an area of 60 to 100 feet in circumference, according to the water pressure. An ornamental standard, about four feet high, is surmounted with long perforated arms, which revolve, so the beautiful sprays are constantly changing.

Prices, 4-arm sprinkler, \$4.00; 8-arm, \$4.50.

BALL and BASKET. This fits on top of the Henderson sprinkler, and the stream of water keeps the silvered ball dancing on its summit up in the air. When the ball falls the basket catches it, and it rolls into the center and is again raised by the water.

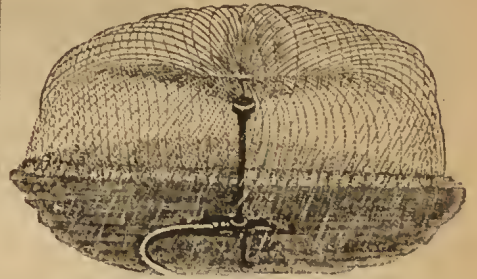
Price, \$4.00 extra.

The Ring Lawn Sprinkler

The simplest lawn sprinkler made—no revolving parts to wear and get out of order or leak. Easily moved about the lawn—made of polished brass—light, durable and economical.

Price, 75c. P.P. 1 lb.

The "Shower" Lawn Sprinkler



One of the most satisfactory lawn sprinklers we offer. It is very simple—no parts to revolve, squeak, clog, wear or get out of order. No arms to break off. It is a round box-like affair—about 3 inches in diameter by 1 inch in depth with a turbine arrangement inside which gives the water passing through a swirl, causing it to pass through the single opening and be distributed over a circular area 25 feet or more in diameter according to the water pressure. The water descends evenly from center to circumference in the form of fine rain. Price, on stand, \$2.75 (mail weight, 4 lbs.); without stand, to be used as a nozzle, \$1.25 (mail weight, 1 lb.).



Universal Lawn Sprinkler and Fountain

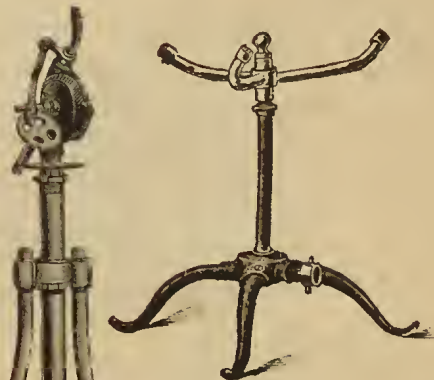
This Combination Lawn Sprinkler and Fountain when in operation on the lawn is very attractive. The nickel-plated arms revolve, distributing the water in rain-like drops over an area of 25 feet or more in diameter according to the water pressure. In addition to this the central oval spray cover causes some of the water to be thrown up, forming a beautiful umbrella-shaped fountain. (See cut.) Price, \$2.75 each. P.P. 4 lbs.

THE Turbo Irrigator For Lawns, Gardens, Golf Greens, Etc.

This sprinkler, mounted on its tripod, may be placed anywhere and coupled to garden hose will water an area 25 to 50 feet from the center, or 150 to 300 feet in circumference according to the water pressure. A single stream, broken into a rain of drops and spray, is thrown from the nozzle, which the mechanism causes to rise and fall as it is slowly revolved around the machine, so that every portion of the ground covered is thoroughly and evenly watered from center to circumference. Price, \$15.00.



RING SPRINKLER.

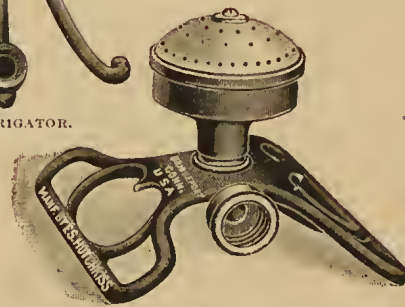


COLUMBIA LAWN SPRINKLER.



UNIVERSAL LAWN SPRINKLER.

TURBO IRRIGATOR.



THE SUNSET SPRINKLER.

"Columbia" 3-Arm Lawn Sprinkler

This fills the want for a low-priced arm sprinkler; it is compact and strongly made with phosphor-bronze bearing and will cover a space 48 feet in diameter with suitable pressure of water. The top and arms are brass, stand and legs of iron handsomely japanned. The water flows freely through an unobstructed channel, so there is no clogging—it stands 12 inches high. (See cut.)

Price, \$1.60. P.P. 3 lbs.

The Sunset Sprinkler

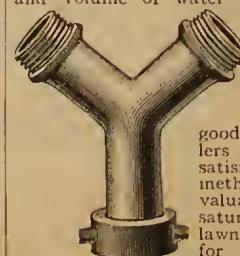
Does the work of two sprinklers. When the little thumb nut is screwed up the Sunset covers a perfect half circle, enabling the user to give his lawn a thorough drenching right up to the edge of the sidewalk without wetting the walk itself. When the little thumb nut is screwed down the Sunset sprinkles a full circle, gently but thoroughly, covering an area 25, 30 or 35 feet in diameter, depending on the water pressure. It can be easily dragged around the lawn without tipping.

Price, \$1.35. P.P. 3 lbs.

HENDERSON'S

"Siamese" Lawn Sprinkler Attachment

By using these, several sprinklers can be used at one time providing the pressure and volume of water are sufficient. A



$\frac{3}{4}$ -inch hose and 30 to 40 lb. pressure will operate 3 sprinklers; a 40 to 50-lb. pressure, 4 sprinklers; with 1-inch hose and a

good pressure, 6 sprinklers can be operated satisfactorily. This method of watering is valuable for thoroughly saturating large areas of lawn or garden. Price, for $\frac{3}{4}$ in. hose, 85c., P.P. 1 lb.; for 1-in. hose, \$1.15, P.P. 1 lb.

"Water Witch" Lawn Sprinklers

An effective device for sprinkling lawns, gardens or flower beds. The water flows with unimpeded force, and is divided and deflected by the two lips of the swivel piece, which it causes to revolve rapidly, scattering the water in fine drops and evenly over a circular area of 25 to 40 feet diameter. It works more satisfactory with a very low pressure of water than any sprinkler we know of.

Price, without stand (i. e., with spur to stick in the ground (see cut). 50c. each, P.P. 1 lb.

Price, with stand, \$1.20 each, P.P. 3 lbs.



WATER WITCH LAWN SPRINKLER ON SPUR.



Auto Compressed Air Sprayer

For Spraying Liquid Insecticides and Fungicides on Garden or Green House Plants, Shrubs, Trees, Etc. Also White-wash and Disinfectants to Poultry Houses. Also Applies Fly Oils for Animal Protection

One of the best spraying contrivances and the standard of all compressed air sprayers. Can be used in every variety of spraying. Suitable for all garden work, five acres of field crops, a limited number of trees any size, also will handle whitewash and disinfectants in the Poultry house. Capacity about 4 gallons. Easily carried either by handle or shoulder strap. The pump is of heavy brass, large diameter. Two or three pumpings will empty the tank under high pressure. There are no screw connections in the construction of this machine and there are no parts likely to require renewing except in the ordinary course of long service. Made with tank of either brass or galvanized iron, furnished with Auto-pop Nozzle No. 3, with which the spray is instantly controlled, and is automatically self-cleaning.

NET PRICES

Auto-spray No. 1B, Brass tank with Nozzle.....	\$10.00
Auto-spray No. 1D, Galvanized tank with Nozzle...	6.75
Two row attachment for spraying 2 rows at one passing.....	1.50
Brass Extension Pipes, 2-foot lengths, each.....	.60
Brass Elbow for spraying under leaves.....	.30
Torch for burning worms' nests.....	1.00
Brass Strainer for straining solution.....	1.20

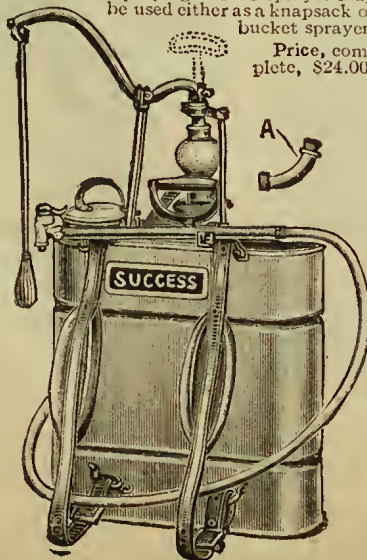


AUTO-SPRAYER

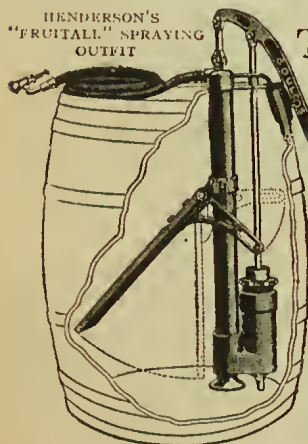
The "Success" Knapsack Sprayer AND BUCKET SPRAYER COMBINED

This valuable arrangement is used for applying Bordeaux Mixture and other fluid remedies in a mist-like spray, for the treatment of grapes and other vegetation for the prevention and cure of mildew, black rot, potato blight and kindred diseases; with it a man can spray five to six acres of vines in a day. The machines are made entirely of brass, and the chemicals will not corrode or rust them. The air chamber keeps up a steady pressure, so a continuous discharge is given. The Pump may be worked with either the right or left hand. The drip cup is just below the air chamber, and is made extra wide, so that any leakage around the plunger is returned into the tank and not allowed to run down the operator's back. An attachment is furnished for underspraying. This sprayer may be used either as a knapsack or bucket sprayer.

Price, complete, \$24.00.



"SUCCESS" KNAPSACK SPRAYER



HENDERSON'S

"Fruitall" Spray Pump

A High Grade Pump for Moderate Sized Estates. For Spraying Fruit, Ornamental and Shado Trees, Vines, Grapes, Etc.

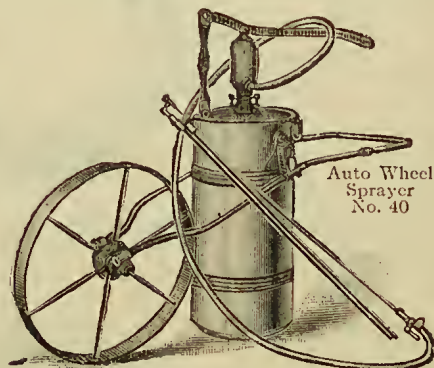
It is simple, the parts accessible and easily removed for cleaning. It has all working parts of brass. It can be mounted on or removed from barrel or tank by the simple adjustment of two thumb-screws. It is held firmly by clamp at top and anchor at bottom. The Brass Plunger is very strong. The Brass Valves never clog. Steel air chamber. It has a long lever. Is built low down, and with the exception of lever and discharge, is contained within the barrel, offering no obstruction to over-hanging limbs, and is not top-heavy. The pump is easily operated by a single person. The Paddle Agitator is mechanical in its action and much superior to the old method of "return discharge."

PRICES (For Barrels and Trucks, see page 165)
Henderson's "Fruitall" Pump only (with Agitator), \$11.00; with barrel, \$15.00.

Henderson's "Fruitall" Pump, Outfit "A," Single spray. Pump with one lead 15 feet, $\frac{1}{4}$ -inch discharge hose, with "Vermorel" Spray Nozzle and Agitator, \$14.00; or with barrel, \$18.00.

The Auto No. 40 Wheel Sprayer

Applies, in a mist-like spray, all fluid insecticide and fungicide solutions on garden crops, ornamental plants, shrubs and low trees; also useful for whitewashing, applying sheep dip, fly oils, etc. It is a most convenient, large capacity Auto Sprayer, fitted to a tubular iron frame with 20-inch wheel, so that it is as easily moved about as a wheelbarrow. The tank of heavy galvanized steel or brass (as may be selected) holds the spray solution and the compressed air pump with which the operator keeps up a continuous and uniform spray. The machine is furnished with 8 feet of high pressure spray hose with connections in 8-foot iron extension pipe with lever "shut-off" for tree spraying and the latest pattern Vermorel nozzle, which fits either the hose or pipe. Price, with 12-gallon galvanized steel tank, \$20.00; with 12-gallon brass tank, \$25.00; weight, 58 lbs.; crated, 75 lbs.



Auto Wheel Sprayer No. 40

Solid Brass Compressed Air Atomizer

The most perfect small hand compressed air sprayer made. Delivers a continuous fog-like spray. Is fitted with straight and adjustable nozzles, making a perfect under leaf sprayer. In fact, spray can be delivered at any angle or position desired. Made in solid brass highly polished; holds 1 quart. Price, \$2.25 (mail weight, 2 lbs.).

"Acme" Spraying Outfit

A convenient outfit for spraying garden crop, flowers, shrubs, vineyards, etc. The tank holds about 25 gallons, is firmly fastened to a cart narrow enough for most garden paths. The force-pump has brass cylinder, to prevent corrosion when fungicides are used. Price, complete, cart, pump, 6 ft. discharge hose and combination spray and stream nozzle, \$32.00.

Extra iron extension pipe, 8

feet (for tree spraying) fitted to attach to nozzle and hose, \$2.65.



Prices of All SPRAYING APPARATUS Are Subject to Change Without Notice



Henderson's "Gem" Spray Pump

Clamps to the chine or side of any barrel; but is made particularly for our Water Barrel and Truck outfits, offered on page 165. The "Gem" is intended to fill a want for a low-priced pump. It has not the power or capacity of the larger and more expensive spray pumps, but where there are only a few trees, bushes, vines, etc., to be treated, it will answer admirably for both applying insecticides and fungicides, and by altering the nozzle it is adapted for sprinkling walks, watering flower-beds, washing windows, carriages, etc. The pump can be quickly removed from the barrel.

PRICES (without barrel or truck)

Gem Outfit "A." Pump fitted with 2 feet of suction pipe and brass strainer; 5½ feet ¾-inch hose and nozzle, \$10.00.

Gem Outfit "B." Is the same as "A," excepting the hose is 12½ feet long, fitted with pole connection to spray trees, \$12.00.

For price of Water Barrel and Truck, see page 165.



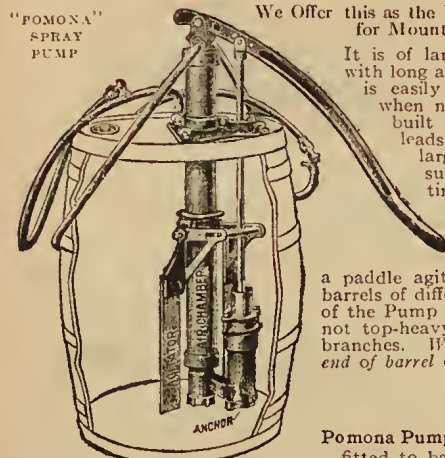
PLANTER'S TRACTOR SPRAYER

The "Planter's Tractor" Sprayer

This "Wheel-Barrow" Sprayer is operated by one man, either for spraying two rows of garden or field crops, grapes, etc., the pumping being done by the traction wheel as the machine is pushed along, as fast as a man can walk, or the gearing may be instantly unmeshed and the pump be worked with the handle, the machine standing still. It is the neatest and most efficient sprayer of its kind that we have ever seen. The tank of galvanized metal or brass as may be selected, is 22 inches high, 12 inches in diameter and holds 12 gallons. The air chamber force pump is of good capacity, is non-corroding, with brass fittings and positive agitator. The frame is of tubular iron, the iron wheel is 20 inches in diameter and 2½-inch tire. The spraying outfit consists of two 2-foot sections of hose with stop cocks connected each to a hose pipe 18 inches long, having an angle attachment and nozzle so that the spray may be adjusted backward or forward, up or down. Price, with galvanized tank, \$40.00; with brass tank, \$50.00. Extra, a 7-foot section of spray hose with couplings for tree spraying, \$2.00.

"Pomona" Spray Pump

We Offer this as the Best Orchard Spray Pump for Mounting on Barrel



It is of large capacity and powerful, with long adjustable leverage, so that it is easily operated by one person, when necessary, but is especially built for spraying from two leads of hose. The unusually large steel air chamber gives sufficient pressure for a continuous and regular spray. All working parts are of brass, including plunger and valves, which are easily accessible; it has a paddle agitator. It is adjustable for barrels of different sizes, and as the bulk of the Pump goes within the barrel, it is not top-heavy, and does not catch low branches. We furnish the Pomona for end of barrel only.

PRICES

Pomona Pump (with Agitator), \$18.50; or fitted to barrel, \$23.00.

Pomona Outfit "A." Pump, agitator, 1 lead, discharge hose (15 feet) and spray nozzle, \$23.00; or fitted to barrel, \$27.00.

Pomona Outfit "B." Pump, agitator, 2 leads, discharge hose (15 feet each) and 2 "mistry" spray nozzles, \$25.50; or fitted to barrel, \$30.00.



AEROSPRA

The Deming "Aerospra"

The "Aerospra" is a compressed air-sprayer of improved design with several new and valuable devices on which patents have been applied for.

Pump. Brass tube cylinder, diameter, 2 inches; stroke, 12 inches. Top cap of tank attached to cylinder. The pump can be instantly removed for filling the tank.

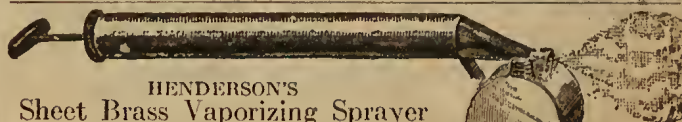
Tank. Made either of the best quality of Galvanized Sheet Steel or Sheet Brass. The diameter is 7½ inches and height 18½ inches, with about 4 gallons capacity. The tank should be about two-thirds filled; weight, loaded, is about 30 pounds.

Hose and Nozzle. There is a 3-foot section of ¾-inch hose and an 18-inch hose pipe or lance, with spring-plunger, stop cock and "Simplex" spray nozzle. With this discharge controller plunger the flow of liquid may be shut off or controlled.

Price. "Aerospra" with brass air pump and brass tank, as illustrated and described, \$15.00. "Aerospra," as above, but with galvanized steel tank, \$12.50. Seven-foot section of ¾-inch hose with couplings and pole holder, for tree spraying, \$2.00.

Asbestos Torch

Attach the torch to the end of a pole of suitable length, saturate with kerosene oil, light and hold under the caterpillars' nests and pass quickly along the branches and around the trunk of the tree where the insects lodge. The heat instantly destroys the insects and will in no way injure the tree. Price, 40c. each (mail weight, 1 lb.).



HENDERSON'S

Sheet Brass Vaporizing Sprayer

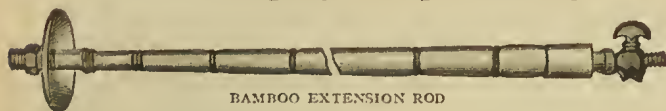
Sprays fluids in the form of mist. Made entirely of sheet brass and will not corrode nor rust. Just what is needed for applying liquid insecticides and fungicides. The tapering point to the air-chamber gives great force to the spray. Holds one quart. Price, \$1.50 (mail weight, 3 lbs.).



The "Henderson" Hand Bucket Pump

This is the best and most durable portable hand pump in the market. Working parts are made of solid brass with large air chamber, and is double acting, throwing an absolutely continuous stream, either solid or in a fine spray as desired. Very light and easily carried, and works from any bucket or tub. Just the thing for throwing liquid insecticides and fungicides on low trees, shrubs, plants, etc., and by altering the nozzle it can be used for washing carriages, windows, etc. Price, with 3 feet of hose and combination spray and stream nozzle, \$5.75; or with extra 7-foot section of hose and pole connection for tree spraying, \$7.00.

Spray Pump Discharge Hose



BAMBOO EXTENSION ROD

Cut any length, 10 ft. up to 50 ft. 1/2-inch bore, 14c. per foot (couplings extra, 30c.)

Bamboo Extension Rod. Fitted with non-corrosive tube 1/4 inch diam., inside,

with brass stop cock and drip guard. Price, 10 ft. long, \$4.00; 12 ft., long, \$4.50.

Iron Extension Rod. 8 feet long with stop cock. Galvanized, \$2.65. For hose add 30c. for attachment

No. 2. No. 3. Pole Connection so hose may be elevated where extension rods are not used, 30c. P. P. 6 oz.

No. 2. Connection for 1/2 or 3/4 inch hose and 1/4 inch threaded pipe or nozzle, 35c. P. P. 4 oz.

No. 1. Brass "L" for under spraying threaded 1/4 inch of pipe and nozzle, 30c. P. P. 4 oz.

No. 4. Brass Stop Cock to shut off flow and save waste while changing position of nozzle. 1/4 inch female thread both ends, 90c. or with male thread attachment at one end, \$1.15. P. P. 4 oz.

No. 5. Brass "Y" for connecting two spray nozzles,

base tapped to fit 1/4 inch pipe, 75c., or with No. 2 hose connection, \$1.10. P. P. 1 lb.

No. 6. Funnel and Strainer for spraying mixtures. Strainer 9 inch diameter, 10 inch deep, \$4.00.



For spray hose see page 47. No. 1 No. 2. No. 3. No. 4. No. 5. No. 6.

Greenhouse Fumigators for Smoking Plants

EUREKA FUMIGATORS

For fumigating greenhouses with dampened tobacco stems; made of galvanized sheet iron; a damper regulates the draft; no danger of fire; no ashes or litter. No. 1, 12 ins., high, \$2.25; No. 2, 16 ins. high, \$3.50, No. 3, 20 ins. high, \$4.50; No. 4, 24 ins. high, \$6.00.

PERFECTION FUMIGATORS

Make Moist Smoke.

This fumigator will last for years; it has a water tank between the fire and the outside, preventing burning out. The tank should be filled with tobacco water, from which a vapor arises and mixes with the dry smoke from the stems, producing a dampened smoke more dense and less injurious, to delicate foliage than from any other fumigator made. Outside fumigating can also be done with the Perfection; the cast iron lid is made so a hose can be attached, and all the outlets for the smoke (except through the hose) can be closed off. No. 1 holds one peck of stems, \$4.50; No. 2 holds half bushel of stems, \$5.25. No. 3 holds three-quarters bushel stems, \$6.00.



PERFECTION FUMIGATOR



Leggett's Champion Powder Gun

Blows all dry powders, such as Paris Green, Persian powder, hellbore, sulphur, tobacco, etc., over plants and into trees, for the killing of insects and fungus. It will cover a given area more thoroughly and effectively with a cloud of powder, and use less powder than any other contrivance. With it are supplied various nozzles for different uses. With the "V" nozzles, two rows of potatoes are dusted at one time, then there is a hood nozzle for cabbage worm dusting, it keeps the powder from escaping beyond the head; then there is a curved nozzle for under dusting, and telescope nozzles to blow powder into tall trees—altogether it is the most complete and satisfactory powder dusting arrangement ever invented. Weight about 5 pounds, is easily carried and is operated by turning a little crank, geared to revolve the blow fans, like a fan mill; the quantity of powder to be distributed can be regulated as required. Price, complete, \$12.75.



Woodason's Double Cone Powder Bellows

For Dusting Plants with Dry Powders for Insects and Fungus.

This double cone bellows can be held in any direction without wasting powder, as it regulates its own supply, and it does not clog up, dusting under the leaves as well as on top. Price, \$4.50.

Woodason's Single Cone Powder Bellows

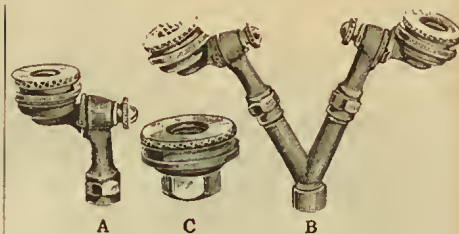
Price, large size, \$3.00; small size (for conservatory and house use), \$1.75.

Jumbo Powder Gun

For applying insect powders on plants in the house or small gardens; it will hold about 4 oz. of powder, which is ejected and distributed by a pressure with the thumb. Price, 35c., each.



WOODASON'S POWDER BELLOWS



THE "MISTRY" SPRAY NOZZLE

Will cover a greater surface with a finer mist like spray, and with less solution than any other nozzle. Made of brass with a removable steel disc in the discharge cap.

"Mistry" Nozzle (Fig. A), with swivel adjustment to spray at any angle. For 1/4 inch pipe, \$1.75; for hose connection, \$2.00. P. P. 1 lb.

Twin "Mistry" Nozzle (Fig. B), two of the above attached to a brass "Y" adjusts to spray in any direction, \$4.00.

Mistry, Jr., Nozzle (Fig. C), similar to Fig. A but without swivel adjustment. Two steel discs come with each nozzle, one for a coarse and one for a fine spray. Never clogs. No extensions to catch in the trees. Will do the work of two ordinary nozzles. For 1/4 inch pipe, 90c.; for hose connection, \$1.25, P. P. 5 oz. Extra discs, 50c., doz.

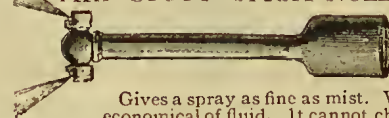
BORDEAUX NOZZLE



Spray and Stream.

A combination spraying, sprinkling or solid stream. It throws solid stream or fan-shaped spray adjustable to any fineness; is readily degorged by turning the cock handle. It will also throw a long distance coarse spray for spraying very large trees; or it may be shut off altogether. Price, for either 1/4 inch pipe or 1/2 or 3/4 inch hose, \$1.00. P. P. 5 oz.

THE "STOTT" SPRAY NOZZLE



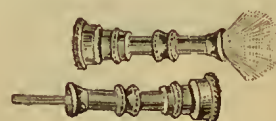
Gives a spray as fine as mist. Very economical of fluid. It cannot choke or get out of order. Price, single spray for 3/4 inch connection, \$1.50, Double spray, 3/4 inch, \$2.00. P. P. 1 lb.

BRASS HOSE NOZZLE



With stop-cock, spray rose and stream. Prices, 3/4-inch hose, \$1.35 for 1 in., \$1.65, P. P. 1 lb.

THE "GRADUATING" SPRAY NOZZLE.



Will throw a coarse or a fine spray or a solid stream. Price, 3/4 inch, 75c.; 1 inch, \$1.00, P. P. 1 lb.

FLORISTS' AND GARDENERS' HOSE SPRINKLER.

A wide face nozzle. The holes are small and numerous so that a copious yet gentle shower is given without washing or packing the soil. Price, for 3/4 inch hose, 3 inch face, \$1.10; 4 inch face \$1.40. P. P. 1 lb.



Vermorel Nozzles

The Vermorel is one of the best spray nozzles for close range. The screw cap is easily removed when necessary. Easily cleaned by pressing the degorger. Single spray, \$1.00; P. P. 8 oz. Double spray, \$2.25, P. P. 14 oz. Triple spray, \$3.75. P. P. 1 lb.

Norton's Plant Duster

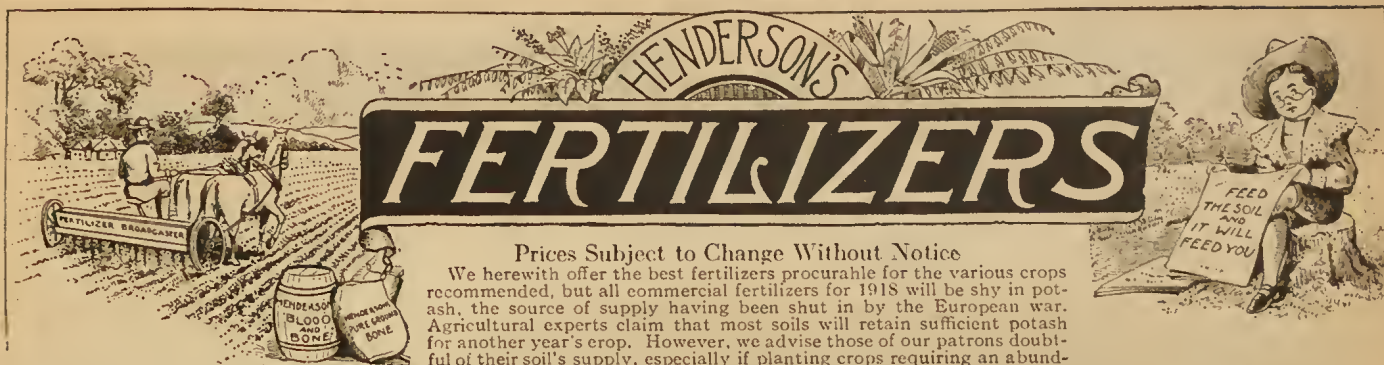
For dusting potatoes, vines, etc. An air-chamber pre-clogging. The guard prevents dust from escaping beyond the plant being treated. Price, \$1.50 each.



SEND YOUR ORDERS EARLY

Transportation facilities are likely to be overtaxed

AVOID POSSIBLE DELAYS



Prices Subject to Change Without Notice

We herewith offer the best fertilizers procurable for the various crops recommended, but all commercial fertilizers for 1918 will be shy in potash, the source of supply having been shut in by the European war. Agricultural experts claim that most soils will retain sufficient potash for another year's crop. However, we advise those of our patrons doubtful of their soil's supply, especially if planting crops requiring an abundance of potash, to apply in addition to the fertilizer used, not less than 1,000 pounds of wood ashes per acre, or 3 to 5 pounds per 100 square feet. Mucky, and light or sandy soils usually need potash.

Bone Fertilizers

Decompose slowly in the soil, and therefore form excellent permanent improvement, less likely than any other fertilizer to waste. With bone there is no danger of burning the plants. Excellent for top-dressing lawns and grass lands, for garden and field crops.

Quantity required. For lawns, pasture and mowing lands, $\frac{1}{2}$ to 1 ton per acre. For trees and vines, 2 to 4 quarts each. For field and garden crops, $\frac{3}{4}$ to 1 ton broadcasted and harrowed in. For rose beds, pot plants, etc., one part to about fifty of soil.

Raw Bone Meal. This is ground very fine, decomposes more rapidly in the soil than the coarser grades, and is therefore more quickly beneficial.

Price, 1-lb. package. 15c. (mail weight 2 lbs.); 5-lb. package, 40c.; 10-lb. package, 75c.; 25-lb. bag, \$1.50; 50-lb. bag, \$2.75; 100-lb. bag, \$4.50; per ton of 2,000 lbs., \$75.00.

Raw Ground Bone. This is moderately fine and particularly adapted for general fertilizing; the finer particles are immediately beneficial, the coarse keeping up the supply of plant food for a long period.

Price, per 100-lb. bag, \$4.50; per ton of 2,000-lbs., \$75.00.

Blood and Bone

A very high grade fertilizer and superior for immediate as well as for prolonged results; it is of exceptional value for garden crops, root crops, corn, grain, grasses, fruit trees, small fruits, grape vines, and, in fact, all vegetation.

Quantity required. When broadcasted and harrowed in use from $\frac{1}{2}$ to 1 ton per acre. For garden crops drill in 300 to 500 lbs. per acre.

Price, per 100-lb. bag, \$4.50; per ton of 2,000 lbs., \$75.00.

Ashes, Canada Hard Wood

Drive away insects and improve the texture of the soil; indispensable for all crops requiring potash; very beneficial for garden and field crops, grass lands and lawns. Apply 1 to 2 tons per acre.

Price, per 100-lb. bag, \$2.50; per bbl. of about 200 lbs., \$4.00; per ton of 2,000 lbs., in bbls., \$35.00.



Strictly high-grade, highly concentrated, fine, dry and free from objectionable odor, containing all the elements needed by vegetables and flowers for their quick growth, early maturing and perfect development. The ingredients are quickly soluble and immediately commence to feed the plants, stimulating them into healthy, luxuriant growth, and feeding them until the end of the season.

Easily applied, either before or after planting, by sprinkling over the surface of the soil and raking in. If something especially fine in vegetables and flowers is desired, two or three additional applications, at intervals, will produce magnificent results. A 10-lb. package is sufficient for a space 15x20 ft. for one application, or 500 to 600 lbs. per acre. Instructions on each package.

Price, 5-lb. package, 40c.; (mail weight 6 lbs.) 10-lb. package, 75c.; (mail weight 11 lbs.) 25-lb. bag, \$1.75; 50-lb. bag, \$2.75; 100-lb. bag, \$4.50; per ton, \$80.00.

Henderson's Superior Fertilizer for House Plants

A safe, clean and high-grade fertilizer, free from disagreeable odor, prepared especially for feeding plants grown in pots. It is a wonderful invigorator, producing luxuriant, healthy growth, foliage of rich texture and larger and more brilliant flowers. Detailed directions on each package.

Price, 12-oz. package, sufficient for 25 ordinary-sized plants for one year, 25c. (mail weight 1 lb.)

Pure Animal Manures

Convenient, compact, high-grade natural manures dried and ground or pulverized, very nutritious, immediate and lasting in effect. They make rich Liquid Manures.

Quantity Required. For garden and field crops, 1 to 2 tons per acre— $\frac{1}{2}$ before plowing, the balance before harrowing. For top-dressing grass, use 1 ton per acre, applied in fall or early spring.

SHEEP MANURE PULVERIZED. Price, 50-lb. bag, \$2.00; 100-lb. bag, \$3.50; per ton of 2,000 lbs., \$60.00, in packages of 2 lbs., 20c. (mail weight 3 lbs.); 5 lbs., 40c.; (mail weight 6 lbs.) 10 lbs., 75c.

HORSE MANURE DRIED. Price, per 100-lb. bag, \$3.00; ton of 2,000 lbs., \$50.00.

CATTLE MANURE, DRIED. \$2.75 per 100-lb. bag; \$45.00 per ton.

Commercial Fertilizers

The highest grade commercial fertilizers made.

	Price per 100 lbs.	2,000 lbs.
Potato Manure.....	\$1.50	\$80.00
Corn Manure.....	4.00	70.00
Special Truck Manure for vegetable crops.	6.00	100.00
General Crop Compound.....	3.00	50.00

Lime and Land Plaster

LAND PLASTER OR GYPSUM. Valuable for soils requiring lime and sulphate; also good on grass-lands and sour soils.

Price, 100-lb. bag, \$1.35; \$20.00 per ton. Quantity required. One to two tons per acre.

HYDRATED LIME. Price, 100 lb. bag, \$1.35 per ton of 2,000 lbs., \$20.00.

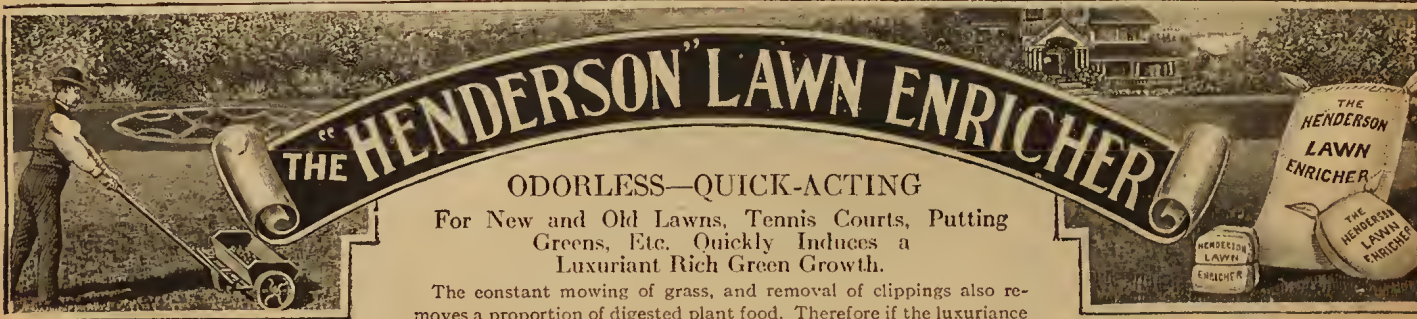
GROUND LIMESTONE. Price, 100-lb. bag \$1.00; \$15.00 per ton.

LIME FERTILE, OR INOCULATED LIME Use 100 pounds to 1500 square feet.

Price, 5 lbs. 25c.; 25 lbs., 75c.; 100 lbs., \$2.00

ACID PHOSPHATE OR DISSOLVED S. C. ROCK. 16% available phosphoric acid.

Price, 100 lbs., \$2.35; per ton, \$42.00.



QUANTITY REQUIRED

For forming a new lawn a 10-pound package is sufficient to go over an area of 300 square feet, or 1000 to 1500 pounds per acre, or a smaller quantity for renovating an old lawn. Apply broadcast with machine or by hand as evenly as possible on a quiet day and preferably just before rain. If applied during the summer use half of the quantity and during rainy weather or water in thoroughly with a hose.

The constant mowing of grass, and removal of clippings also removes a proportion of digested plant food. Therefore if the luxuriance of a lawn is to be maintained, it must be top dressed, at least once a year, with suitable fertilizer. The Henderson Lawn Enricher is a clean and odorless lawn dressing which never fails in inducing a rapid and rich green growth. It should be sown broadcast in the spring or fall, and a remarkable improvement will soon be observed. If applied during the summer use half of the quantity and during rainy weather or water in thoroughly with a hose. The use of "Henderson Lawn Enricher" entirely does away with the old practice of top-dressing lawns with stable manure, so objectionable on account of unsightliness, disagreeable odors, so often full of weed seeds.

PRICES—by Express or Freight— (Purchaser paying transit charges.)

5-pound package (mail weight 6 lbs.).....	\$.40
10-pound package (mail weight 11 lbs.).....	.75
25-pound bag.....	1.50
50- " ".....	2.50
100- " ".....	4.00
Per ton of 2000 pounds.....	70.00

REMEDIES

for

INSECTS & FUNGUS

INSECTS THAT EAT PLANTS, FOLIAGE, VEGETABLES, FRUITS, FLOWERS, ETC. whether bugs, beetles, worms, caterpillars or slugs, are more quickly and effectually destroyed with a poisonous insecticide as Arsenate of Lead, Paris Green or Hellebore. These if intelligently applied according to directions are so dilute as to be harmless to vegetation and to animal life, excepting in quantity. Less poisonous stomachic and contact insecticides are Bug Death, Fir Tree Oil Soap, Kerosene Emulsion, Slug Shot, etc.

FOR HOUSE AND CONSERVATORY PLANTS the most convenient insecticides are Aphine, Nicotene and Lemon Oil.

FUNGUS ON PLANTS, TREES, FRUITS, VINES AND VEGETABLES as mildew, spot, dry rot, and rust should be promptly treated with Bordeaux, Ammoniated Copper Solution, Fungine or Sulphur.

THE BEST COMBINED FUNGUS AND INSECT DESTROYERS are Bordeaux-Arsenate and Pyrox.

FOR SCALE ON HARD WOODED PLANTS, SHRUBS AND TREES use Kerosene Miscible Oil, or if dormant Lime-Sulphur Solution or Scalecide.

FOR TREE BORERS use Borowax. For Tree Wounds use Tree Wound Paint.

TO PREVENT CATERPILLARS AND INSECTS CRAWLING UP TREES, use Sticky Tree Cord, Tree Tanglefoot or Fish Oil Soap.

INSECTS THAT SUCK THE JUICES FROM PLANTS, FOLIAGE, ETC., such as lice, green, black and white aphids or fly, mealy bug, red spider and scale, thrust their proboscis into the leaf or stem, consequently are not affected by stomach poisons and must be destroyed by contact insecticides. Those in powder form kill by closing the breathing pores in the insect's skin; or in fluid form by being absorbed through these pores. The best contact insecticides in powder form are Bug Death, Hellebore, Slug Shot and Tobacco Dust. The best in fluid form are Aphine, Black Leaf 40, Fir Tree Oil Soap, Fish (Whale) Oil Soap, Nicotene (Tobacco Extract), Kerosene Miscible Oil, Lemon Oil, "X L All" Liquid Insecticide.

FOR FUMIGATING CONSERVATORIES AND GREENHOUSES use Aphid Punk, Nicotene, Tobacco Powder or Tobacco Stems; for fluid vaporizing use Nicotene or "X L All" compound.

FOR UNDERGROUND INSECTS, ants, root lice, grubs, maggots, cutworms, etc., use Ant-i-cide, Cutworm Killer, Tobacco Dust, Scotch Soot or Vermine.

FOR ANGLE OR FISH WORMS IN LAWNS, PUTTING-GREENS, TENNIS COURTS, ETC., use Henderson's Worm-Killing Grass Food.

FOR POTATO SCAB, GRAIN SMUTS, DISINFECTING, ETC., use the germicide Formaldehyde.

FOR ANIMAL INSECTS AND PESTS use Cattle Comfort or Thymocresol.

ABOUT MAILING { Powders, Soaps and Pastes (those offered by the pound)—non-poisonous—can be sent by Parcel Post if sufficient is added to the prices, to pay postage at Zone Rates (see page 1). Fluids (those offered by the quart, etc.) and poisonous powders are not mailable.

APHINE. A powerful insecticide, readily soluble in water and applied as a spray, wash or dipping solution. It kills green and black fly, thrip, red spider, slugs, ants, mealy bug, scale, etc. Price, 1 gill, 25c.; ½ pint, 40c.; pint, 65c.; quart, \$1.00; gallon, \$2.50.

APHIS PUNK is a wood-pulp paper, in 6x33-inch sheets, saturated with 22½ per cent. nicotine, rolled and dried. When lighted it burns slowly and is a cleanly, convenient and effectual remedy for "smoking" conservatories, etc. Price, per carton of 12 rolls, 60c. (mail weight, 1 lb.); per case of 12 cartons, \$6.50.

ANT DESTROYER (non-poisonous), Designed Especially for Use on Lawns, Tennis Courts and Putting Greens.

Directions. The best way is to insert tube of squirt can about four or five inches in ant-hill, withdraw about one inch and press plunger ONCE, press foot on opening to close entrance to nest. This will destroy ants and eggs without injuring the sod. If a can is not available, a stout wire or slender stick may be inserted in the opening, withdrawn and about a tablespoonful of the liquid poured in. One quart, 60c.; one gallon, \$1.50; five gallon can, \$7.00.

ANT-I-CIDE. A powder with a repellent odor, effective against ants and crawling insects that infest lawns. Strew so the surface infested will be thoroughly covered. One pound will dress about 300 square feet. Price, 1-lb. package, 25c.; 5-lb. bag, \$1.00; 25-lb. drum, \$4.50.

ARSENATE OF LEAD—PASTE. A poison taking the place of Paris Green. Its advantages are that it adheres to foliage, does not readily wash off by rain and does not injure tender foliage. It remains suspended in solution so that an even distribution can be obtained. It is white in color and shows just where it has been applied. Price, 1-lb. tin, 40c.; 5-lb. tin, \$1.75; 12½-lb. pail, \$3.50; 25-lb. bucket, \$6.50; 50-lb. bucket, \$12.50; 100-lb. keg, \$24.00.

ARSENATE OF LEAD, POWDERED. May be used either as a dust diluted with hydrated lime, plaster or road dust, or as a liquid spray with water, lime-sulphur, solution or Bordeaux, only half the weight is needed as of the paste form. Price, 1 lb., 60c.; 5 lbs., \$2.75; 10 lbs., \$5.25; 25 lbs., \$12.00.

"BLACK LEAF 40." An effective insecticide for sucking insects such as plant lice, aphids, red spider, leaf hopper, thrip, etc., sprayed on. Dilute 2 teaspoonfuls to a gallon of water. It also forms a splendid combined spray for both insects and fungus with Bordeaux. Price, 1-oz. bottle, 25c.; ½-lb. tin, 75c.; 2-lb. tin, \$2.50; 10-lb. can, \$10.75.

BORDEAUX—ARSENATE OF LEAD. A combination in proper proportions of these standard insecticide and fungicide remedies, thus killing insects and eliminating fungus plant diseases at one spraying and accomplishing the objects in half the time required to spray on separately. Quantity required, 1 to 2 lbs. in 10 gallons water. Price, 1 lb., 35c.; 5 lbs., \$1.50; 10 lbs., \$2.75; 25 lbs., \$6.00; 50 lbs., \$11.00; 100-lb. keg, \$21.00.

BORDEAUX—MIXTURE. Ready for use by simply adding 1 part to 50 of water. An indispensable fungicide, erasing and preventing black rot, mildew, blight, rust, scab, and all fungoid diseases on fruits and plants. Price, 1 pint, 30c.; 1 quart, 50c.; 1 gallon, \$1.25; 5 gallons, \$5.00.

BORDEAUX, POWDERED. Requires 1 to 1½ lbs. to 10 gallons of water as a fungicide spray. Price, 1 lb., 45c.; 5 lbs., \$2.00, 10 lbs., \$3.50.

BOROWAX. A complete protection against tree borers if applied in accordance with instructions, at the point where the moth deposits its eggs. Quantity required, half to one pint to a tree according to size. Price, quart, 35c.; half gallon, 60c.; gallon can (boxed), \$1.00; 6 gallons (boxed), \$5.00; half-barrel, \$20.00; barrel, \$35.00.

BUG DEATH. A non-poisonous insect-killing powder, for cabbage and tomato worms, potato and cucumber bugs, etc. Apply with a duster, bellows or powder-gun, at the rate of about 12 lbs. per acre. Mail weight, 1½ lbs., per lb. Price, 20c. per lb.; 3 lbs., 45c.; 5 lbs., 60c.; 12½ lbs., \$1.35; 100 lbs., \$9.25.

BUG DEATH SHAKER for applying above, 40c.

CATTLE COMFORT. Protects horses, cattle, dogs, etc., from flies, gnats, mosquitoes, horse-fly and other insects, is healing to sores, destroys head lice on fowl, etc. Price, 1 quart, 60c.; 1 gallon, \$1.75; 5 gallons, \$7.00.

COPPER SOLUTION, AMMONIATED. A fungicide, the essential ingredient, "Carbonate of Copper," being dissolved in ammonia, while in Bordeaux it is counteracted by lime. For spraying when fruits are nearing maturity, or plants in bloom, Copper Solution is usually used, as there is no lime sediment left to be washed off. One quart is sufficient for 25 gallons of spray. Price, 1 quart, 90c.; 1 gallon, \$2.75.

CUT WORM KILLER. A coarse powder for sprinkling near the plants to be protected. It has an enticing odor and the worms prefer it to vegetation. One pound is sufficient for 175 plants in hills, or 100 feet when in rows. Price, 1-lb. sprinkler box, 25c. (mail weight, 2 lbs.); 5-lb. tins, \$1.00 (mail weight, 6 lbs.); 25-lb. drum, \$4.00; 100-lb. bag, \$12.00.

CORN OIL—ANTI-CROW. Protects newly planted corn from crows. Keeps the birds from damaging your crops by preventive measures. Price, per pint, 25c; per quart, 40c.

FISH OIL SOAP. (Whale Oil Soap.) Makes an excellent wash for trees and plants where insects and eggs affect the bark, and for smearing on the trunks of trees to prevent worms from crawling up. Price, 25c. per lb. (mail weight, 2 lbs.); 5 lbs., \$1.00. (mail weight, 6 lbs.); 10 lbs., \$1.75; 25 lbs. \$4.00.

FORMALDEHYDE. It is of pronounced efficiency in destroying disease germs affecting both animal and plant life, and is successfully employed as a preventive of such fungoid diseases as potato scab, onion and grain smuts, musty corn and other affected seeds, damping off of seedlings, club root of roses, etc. The dilution for most purposes is 1 lb. (1 pint) to 15 or 20 gallons of water and 1 to 2 gallons of this dilution is required for the treatment of a bushel of seed. Price (40 volume %), 1-lb. bottle, 50c.; 5-lb. bottle, at 45c. lb.; 10-lb. bottle, at 40c. lb.; 50-lb. demijohn, at 32c. lb.; 132-lb. carboy, at 28c. lb.

FUNGINE. An effective sulphurated spraying remedy for mildew, rust and other blights. Does not stain the foliage. Price, half pint, 40c.; pint, 65c.; quart, \$1.00; gallon, \$3.50.

HELLEBORE, Powdered White. For the destruction of slugs, worms, caterpillars, etc. Less poisonous than Paris Green and Arsenate of Lead, and safer to use when fruits or vegetables are nearly ripe. Can be used as a powder or dissolved, 1 ounce in 3 gallons of water. Price, 70c. per lb.; 5 lbs., \$3.25 (mail weight, 1½ lbs. per lb.).

KEROSENE MISCIBLE OIL. Better than Kerosene Emulsion, mixes easier, has greater killing power and is especially valuable against all soft bodied insects. Can be used on practically all insects for which Nicotene is employed. For Woolly Aphis on apple and thorn it is much more effective than Nicotene. Contains 80% Kerosene. Dilute 1 part Oil to 16 parts water. Tender plants 1 part to 36 parts water. Price, 1 pint, 30c.; 1 quart, 50c.; 1 gallon, \$1.25; 5 gallons, \$5.00.

LEMON OIL. An efficient insecticide for all sucking insects and soft scales. It is applied as a spray or wash and has an agreeable odor. Price, ½ pint, 30c.; 1 pint, 50c.; quart, 90c.; ½ gallon, \$1.50; 1 gallon, \$2.50.

LIME SULPHUR SOLUTION. For all scale insects on trees and shrubs, also of benefit for such fungus bark diseases as can be treated in winter. Must be diluted and applied with a spray pump while the trees are dormant, after the leaves have fallen in fall and before the buds swell in spring. It can be used quite strong during mid-winter, but earlier or later it will be safer to dilute it 1 gallon to 50 to 60 of water. Price, quart can, 45c.; gallon, 90c.; 5-gallon can, \$3.35; barrel of 30 gallons, \$10.00; barrel of 50 gallons, \$15.00.

NICOTICIDE. An extract of tobacco used in fumigation. The required quantity placed in a tin dish and evaporated by a spirit lamp, placed underneath. An effectual remedy for insects in the greenhouse, window garden or frames. Price, 4-oz. can, 80c.; 1 pint, \$1.40; pint, \$2.80; 1 gallon, \$9.25; gallon, \$16.00.

NICOTEN. An extract of tobacco, containing about 30 per cent. nicotine. A most effectual, economical and safe remedy for spraying greenhouses and garden plants, diluted two teaspoonsful to a gallon of water for most insects. For fumigating greenhouses, etc., use a scant tablespoonful to 1½ pints of water, for each pan, which is sufficient when vaporized, by placing a hot iron in it, for 600 square feet of floor space. Price, 8-lb. bottle, \$10.00; 4-lb. bottle, \$5.00; 1-lb. bottle, \$1.50; ½-lb. bottle, 85c.; ¼-oz. bottle, 40c.

NICO-FUME LIQUID. Price, 1-lb. can, 50c.; 1-lb. can, \$1.50; 4-lb. can, \$5.50; 8-lb. can, \$10.50.

NICO-FUME. A tobacco paper saturated with nicotine. It comes in strips, which, suspended and lighted, is one of the best, easiest and least injurious methods of fumigating conservatories for aphids and all insects that succumb to tobacco insecticides. One sheet is sufficient for two thousand cubic feet. Price, air-tight cans of two dozen sheets, 85c. (mail weight, 1 lb.); 1 gross sheets, \$4.00 (mail weight, 4 lbs.); 2 gross sheets, \$7.50 (mail weight, 7 lbs.).

PARIS GREEN. An insoluble, poisonous powder for potato bugs, codling moth, worms, caterpillars, slugs and bugs. Applied as a powder it should be mixed with plaster or flour, 100 parts to 1 part of Paris Green; in solution mix 1 lb. in 200 to 300 gallons of water. Price, ½ lb. package, 50c.; 1-lb. package, 90c.; 5-lb. package, \$4.00; 14-lb. package, \$10.50.

PYROX. A combined insecticide and fungicide for all leaf-eating insects, blights and fungus troubles on trees, grapes, small fruits, potatoes, cucumbers, vegetables, roses, shrubbery, etc. It is a creamy paste, and needs only to be mixed with cold water to apply. Price, 1-lb. bottle, 40c.; 5-lb. crock, \$1.50; 10-lb. crock, \$2.75; 25-lb. crock, \$6.00; 50-lb. keg, \$11.00; 100-lb. keg, \$21.00.

SCALECIDE. The best spray for San Jose scale, cottony maple scale and Pear Psylla. It is not poisonous, being a mechanical preparation of petroleum that mixes with cold water and is ready to apply. 1 gallon to 20 gallons of water sprayed on trees and bushes will kill every scale that it reaches without injury to tree or fruit if applied in late fall, winter or early spring while the foliage is off. Price, 1 quart, 55c.; 1-gallon can, \$1.35; 5-gallon can, \$5.75; 10-gallon can, \$9.85; 30-gallon barrel, \$22.00.

SCOTCH SOFT COAL SOOT. For soil insects and also a stimulating fertilizer. Used in onion drills, radish beds, cabbage grounds, etc., it checks the attacks of grubs, cut worms, etc. When scattered lightly, as a top-dressing around plants, it drives away insects that hide in the ground and lay their eggs near the roots. Price, 50-lb. bag, \$2.75; 100-lb. bag, \$5.00.

SLUG SHOT. A non-poisonous powder insecticide; it requires no mixing or preparation, easily applied and not injurious to animals, the person applying it, or fruits and vegetables treated. Very effectual in destroying potato bugs and beetles, green and black flies, slugs, worms, caterpillars, etc. Price, per keg of 125 lbs. net, \$11.25; per barrel of 250 lbs. net, \$20.00; 10-lb. package, 95c. (mail weight, 1½ lbs. per lb.); 5-lb. package, 50c.; in tin canister with perforated top for applying, 35c. each (mail weight, 2 lbs.).

STICKY TREE CORD. Tack one end to the tree and pass around it once or twice and tack on every 18 inches, or in the furrows of rough barked trees, it will then prevent caterpillars, etc., from crawling up the tree; lasts all summer; easily put up and removed. It comes in tubes containing about 30 feet. Price, 25c. or \$2.50 per doz. (mail weight, 1½ lbs. each).

SULPHO-TOBACCO SOAP. A positive exterminator of all insect life on plants in the greenhouse. Price, 3-oz. box, 10c.; 8-oz. box, 20c.

SULPHUR, FLOWERS OF. Price, 15c. per lb. (mail weight, 2 lbs.); 10 lbs., 90c.; 25 lbs. and over, at 8c. per lb. (mail weight, 1½ lbs. per lb.).

THYMO-CRESOL or ENGLISH COLD WATER SHEEP DIP. A gallon makes a hundred gallons for most uses. A world-famous dip, and, besides, is unexcelled as an internal and external remedy for animal wounds and skin diseases, for killing animal parasites, mixing with whitewash for trees, chicken-houses, kennels, etc. Price, quart can, 80c.; 1-gallon can, \$2.25; 5-gallon can, \$7.50.

TOBACCO DUST, FINE. For green and black aphids, beetles, etc. Splendid fertilizer and preventative for insects in the ground and around roots. Price, 15c. per lb. (mail weight, 1½ lbs. per lb.); 5 lbs., 50c.; 10 lbs., 80c.; 25-lb. bag, \$1.25; 50-lb. bag, \$2.00; 100-lb. bag, \$3.50.

TOBACCO POWDER, FUMIGATING. Extra strong dust for fumigating. Price, 25-lb. bag, \$2.00; 50-lb. bag, \$3.50; 100-lb. bag, \$6.00.

TOBACCO STEMS. For fumigating greenhouses for green and black aphids and other insects. Price, 100-lb. bale, \$1.75; per ton of 2,000 lbs., \$30.00.

TREE TANGLEFOOT. No crawling insect can pass a band of tree tanglefoot. Apply early in the spring—before the caterpillars commence to crawl and again in the fall if troubled with the fall canker worm. One pound for a 6-foot band 4 inches wide, 1-16 inch thick. Price, 1-lb. can, 35c.; 3-lb. can, \$1.00; 10-lb. can, \$3.00; 20-lb. can, \$5.50 (mail weight, 1½ lbs. per lb.).

TREE WOUND PAINT is an insurance against decay, having penetrating, antiseptic and elastic waterproofing qualities. Sun and rain cannot cause the coating to break from the treated wood. Price, quart, 60c.; gallon, \$1.50; 5 gallons, \$7.00.

VERMINE. A soil vermicide and sterilizer that protects garden plants and lawns from the ravages of underground insects, root lice, maggots, cut worms, wire worms, grubs, ants, etc. Use 1 part vermicide to 400 parts water, thoroughly saturating the ground. If the ground is not planted and can lie idle for two or three days a much stronger solution is used. Price, gill, 25c.; half pint, 40c.; pint, 65c.; quart, \$1.00; gallon, \$3.00.



Henderson's Worm-Killing Grass Food

Feeds the Grass and Eliminates the Worms

Henderson's Worm-Killing Grass Food not only stimulates the grass on lawns, putting-greens, tennis courts, croquet grounds, etc., into rich green growth but it quickly eliminates the earth or angle worms that burrow in the turf in almost unbelievable quantities, causing the soil to become sticky, sour and loosening it and the roots so that hot sun and dry weather cause the grass to turn yellow and die out in spots. More lawn troubles are traceable to earth worms than most people realize and we advise all whose grass is not as good as it should be to apply Henderson's Worm-Killing Grass Food at the rate of ½ pound to a square yard during rainy weather or else water in thoroughly with a hose. The worms will then almost immediately come to the surface and die. For putting-greens it is invaluable, keeping them free from worm casts, level and true without the trouble and expense of daily brushing and rolling. It is used by many Golf and Country Clubs and on many private grounds in the United States, and all users are gratified with the results. Henderson's Worm-Killing Grass Food is a non-poisonous powder not injurious to animal or bird life. Its fertilizing properties while combined into a well-balanced grass food are not so strong but that it can safely be applied on grass according to directions at any season of the year. Use one pound for each two square yards. Though late in the season when the worms are deep in the ground the quantity may be increased.

Price of Henderson's Worm-Killing Grass Food (F. O. B. N. Y.):

5 lb. pkg. (Mail wt. 6 lbs.)	\$0.85	50 lb. bag	\$ 4.00
10 " " (Mail wt. 11 lbs.)	1.50	100 " bag	7.00
25 " " " " " "	2.50	Ton (20-100 lb. bags)	120.00

"Kindly book us for one ton of Henderson's Worm-Killing Grass Food for spring delivery. We take pleasure in advising that the sample ton from you last year was the means of thoroughly eradicating the worms wherever applied. It is certainly the best preparation of its kind we have ever used."

W. S. THOMAS (Chairman Greens Com., Country Club of Glen Ridge), Glen Ridge, N. J.



Henderson's Fluid Weed Destroyer

It completely destroys all weeds, wherever applied, and by its effect on the ground prevents the growth of fresh ones for a year afterwards, thus saving an immense amount of labor in hoeing, etc. For brick walks it is a boon. Its application is easy, being in a liquid form and only requiring to be mixed with water and applied with a watering can or sprinkling cart. If the ground is very dry it should first be sprinkled with clear water, so the Weed Destroyer will not soak away too quickly. Where large weeds and docks are to be destroyed it is best to mow or chop off the tops first. Full directions for use with each package. (Not available.)

Quart Can	makes	7 to 10	gallons, sufficient for	150 sq. ft.	.60
Gallon Can	"	30 to 40	"	600 "	1.75
5-Gallon Keg	"	150 to 200	"	3000 "	7.00
50-Gallon Barrels	"	1500 to 2000	"	30000 "	47.50

"Your 'Weed Destroyer' is a boon to us here with our numerous garden walks and carriage drives to be kept clean and free of weeds. It used to be hoe, hoe, hoe, from morning till night, all summer long, but the last two seasons by sprinkling the walks thoroughly in the spring with your 'Weed Destroyer' diluted with water, it has kept the weeds and moss away and the walks in apple pie order."

CHAS. McGRATH, Jr., Newton, Mass.

"Climax" Lawn Sand

A non-poisonous, dried chemical, which evenly distributed at about 4 ounces per square yard kills weeds by adhering to their broad flat leaves, but falling to the roots of the grass is absorbed by the soil and so fertilizes the fine grasses that a permanent growth quickly covers the portions previously occupied by weeds and moss.

Grass dressed with "Climax" Lawn Sand is thicker in growth, finer in texture and richer in color. It is marvelous how quickly the grass responds and how lasting the improvement. Price, 3½ lbs., 75c. (Mail weight 4 lbs.); 7 lbs., \$1.35 (Mail weight, 8 lbs.); will dress about 25 square yards; 14 lbs., \$2.00; 28 lbs., \$3.50; 56 lbs., \$6.00; 1 cwt., \$10.00.



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There are in this country many lawns, gardens and grounds which the owners would improve and embellish, but they do not know exactly what they want, what would look well nor how to go about it, and it is for the benefit of such that we have prepared this book, for, although there are countless works of exhaustive *precept* on landscaping and gardening, there have been none issued so rich with illustrations of *example*. In it we force no particular styles or fashions, but describe and picture such a great variety of lawn and garden creations that some fruitful suggestions must be found adaptable to the environment of every home, whether pretentious or modest. Those who are fond of improving and embellishing their gardens, lawns and grounds, or who are planning new ones, will get many valuable ideas from this beautiful book.

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"Everything for the Garden" for 1918.

We have chosen as an appropriate subject for our front cover this year, a garden that recalls memories of the great services rendered to our country in its struggle for its independence by the Marquis de Lafayette and his companions in arms.

It pictures the visit of Lafayette to the mansion at Westover, Va., the home of Evelyn Byrd. The birthday of the famous general was celebrated last fall (Sept. 6, 1917), in the principal cities and towns of America by public exercises, banquets and meetings, and an association headed by prominent public men as trustees, was formed, to purchase and set apart forever, as a memorial, the ancestral chateau of

the Lafayettes in France. The sentiments entertained by Lafayette toward our nation may be judged from a letter he wrote to his wife, from on board the ship which bore him to our shores and in which the following passage occurs:

"Whilst defending the liberty I adore, I shall enjoy perfect freedom myself; I but offer my services to that interesting Republic from motives of the purest kind, unmixed with ambition, or private views: for happiness and glory are my only incentives to the task."

"I hope that for my sake, you will become a good American, for that feeling is worthy of every noble heart."

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of
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